

19/3,K/3 (Item 3 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
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01141316

Efficient block cipher method
Effizientes Blockverschlüsselungsverfahren
Procede efficace de chiffage par blocs

PATENT ASSIGNEE:

LUCENT TECHNOLOGIES INC., (2143720), 600 Mountain Avenue, Murray Hill,
New Jersey 07974-0636, (US), (Applicant designated States: all)

INVENTOR:

Patel, Sarvar, 34 Miller Lane, Montville, New Jersey 07045, (US)
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02115, (US)
Sundaram, Ganapathy Subramanian, 137 Tussel Lane, Scotch Plains, New
Jersey 07076, (US)

LEGAL REPRESENTATIVE:

Watts, Christopher Malcolm Kelway, Dr. et al (37391), Lucent Technologies
(UK) Ltd, 5 Mornington Road, Woodford Green Essex, IG8 0TU, (GB)

PATENT (CC, No, Kind, Date): EP 996250 A2 000426 (Basic)
EP 996250 A3 020522

APPLICATION (CC, No, Date): EP 99308041 991012;

PRIORITY (CC, No, Date): US 175179 981020

DESIGNATED STATES: DE; FR; GB

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: H04L-009/06

ABSTRACT WORD COUNT: 106

NOTE:

Figure number on first page: 3

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200017	590
SPEC A	(English)	200017	3008
Total word count - document A			3598
Total word count - document B			0
Total word count - documents A + B			3598

...SPECIFICATION string "W" using a modular "n" operation. In step 248, the output of step 246 is stored as "n" bit string "T" and the "n" bit string "V" is once again stored as string "V". In step 250, the same pseudorandom function that was used in the encryption process is used with key K2)) to operated on string " T " to produce an "n" bit output. In step 252, the output from step 250 is subtracted from data string "V" using a modular "n" operation to produce...

19/3,K/4 (Item 4 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
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00928092

CRYPTOGRAPHIC KEY RECOVERY SYSTEM
VORRICHTUNG ZUR WIEDERGEWINNUNG EINES GEHEIMSCHLUSSELS
SYSTEME DE RECUPERATION DE CLES DE CHIFFREMENT

PATENT ASSIGNEE:

INTERNATIONAL BUSINESS MACHINES CORPORATION, (200123), , Armonk, NY
10504, (US), (Proprietor designated states: all)

INVENTOR:

JOHNSON, Donald, Byron, 604 Thorn Hill Drive, Pleasant Valley, NY 12569,
JOHNSON, Paul, Ashley, 29 Drummer Road, Acton, MA 01720, (US)
WALFMAN, Charles, William, Jr., 185 Indian Meadow Drive, Northborough, MA
01532, (US)
MATYAS, Stephen, Michael, Jr., 24 Valkill Drive, Poughkeepsie, NY 12601,
(US)

SAFFORD, David, Robert, 16 Indian Hill Road, Brewster, 10509, (US)
YUNG, Marcel, Mordechai, 605 West 112th Street, New York City, NY 10025,

NEVENKO, Nevenko, 45 Reggie Drive, Wappingers Falls, NY 12590, (US)

LEGAL REPRESENTATIVE:

Litherland, David Peter (75471), IBM United Kingdom Limited Intellectual
Property Department Hursley Park, Winchester, Hampshire SO21 2JN, (GB)

PATENT (CC, No, Kind, Date): EP 916209 A1 990519 (Basic)

EP 916209 B1 010919

WO 9805143 980205

APPLICATION (CC, No, Date): EP 97932931 970723; WO 97GB1982 970723

PRIORITY (CC, No, Date): US 681679 960729

DESIGNATED STATES: CH; DE; FR; GB; LI

INTERNATIONAL PATENT CLASS: H04L-009/32; H04L-009/08

NOTE:

No A-document published by EPO

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200138	1004
CLAIMS B	(German)	200138	1032
CLAIMS B	(French)	200138	1208
SPEC B	(English)	200138	13422
Total word count - document A			0
Total word count - document B			16666
Total word count - documents A + B			16666

...SPECIFICATION present invention permits the sender and receiver to
establish a secret value for SALTO independently of the session key K.
For example, the parties may **generate** SALTO using **bits** from the
Diffie-Hellman procedure that are **not** used to **generate** the **key** K.
Generating SALTO independently of the session key K in this manner may
provide added protection against certain kinds of cryptanalytic attacks.
If SALTO is...

19/3,K/5 (Item 5 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00916230

Data communication apparatus

Datenübertragungsgerät

Appareil pour communiquer les donnees

PATENT ASSIGNEE:

CANON KABUSHIKI KAISHA, (542361), 30-2, 3-chome, Shimomaruko, Ohta-ku,
Tokyo, (JP), (applicant designated states: DE;ES;FR;GB;IT)

INVENTOR:

Ueno, Yasuhide, Canon Kabushiki Kaisha, 30-2, Shimomaruko 3-chome,
Ohta-ku, Tokyo, (JP)

LEGAL REPRESENTATIVE:

Beresford, Keith Denis Lewis et al (28273), BERESFORD & Co. 2-5 Warwick
Court High Holborn, London WC1R 5DJ, (GB)

PATENT (CC, No, Kind, Date): EP 836316 A1 980415 (Basic)

APPLICATION (CC, No, Date): EP 97202983 920327;

PRIORITY (CC, No, Date): JP 9165837 910329

DESIGNATED STATES: DE; ES; FR; GB; IT

RELATIVE PARENT NUMBER(S) - PN (AN):

EP 9222 (EP 923027528)

INTERNATIONAL PATENT CLASS: H04N-001/32; H04M-011/00;

ABSTRACT WORD COUNT: 39

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9816	431
SPEC A	(English)	9816	6598
Total word count - document A			7029

Total word count - document B 0
Total word count - documents A + B 7029

...SPECIFICATION shows a flow chart of a routine after the transmission.

After the transmission, whether the call is by the auto-dialing by the one-touch **key** or the abbreviation dial or **not** is **determined** in a step S130, and if it is not the auto-dialing call, the abbreviation procedure permit **flag** is **set** to "0" in a step S138 and "5" is set in the abbreviation protocol counter. Then, the process after the transmission is terminated.

If the...

19/3,K/9 (Item 9 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00804130

Adjustment of call bandwidth during a communication call

Anrufbandbreiteseinstellung wahrend eines Kommunikationsanrufs

Ajustement de la bande passante pendant un appel de communication

PATENT ASSIGNEE:

AT&T IPM Corp., (1907680), 2333 Ponce de Leon Boulevard, Coral Gables, Florida 33134, (US), (Applicant designated States: all)

INVENTOR:

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Thieler, Stephen Max, 4465 Apple Way, Boulder, Colorado 80301, (US)

LEGAL REPRESENTATIVE:

Watts, Christopher Malcolm Kelway, Dr. et al (37392), Lucent Technologies (UK) Ltd, 5 Mornington Road, Woodford Green Essex IG8 OTU, (GB)

PATENT (CC, No, Kind, Date): EP 748094 A2 961211 (Basic)

EP 748094 A3 031015

APPLICATION (CC, No, Date): EP 96303306 960513;

PRIORITY (CC, No, Date): US 451282 950526

DESIGNATED STATES: DE; ES; FR; GB; IT

INTERNATIONAL PATENT CLASS: H04L-029/06; H04Q-011/04

ABSTRACT WORD COUNT: 155

FILE:

Page number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB96	668
SPEC A	(English)	EPAB96	9649
Total word count - document A			10317
Total word count - document B			0
Total word count - documents A + B			10317

...SPECIFICATION the node flag is not set, does not attempt to route a call based on the dialed number. Since in the present example the node flag is **not set**, **session** software layer 406 **establishes session** record 607 and call record 544 is selected which starts the setting up of the second half call. The node and the call record number ...

19/3,K/10 (Item 10 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00802237

Selective participation in a multimedia communication conference call

Selektive Teilnahme in einem Multimedienkommunikationskonferenzgesprach

Participation selective a une connexion de conference multi-medias

PATENT ASSIGNEE:

AT&T IPM Corp., (1907680), 2333 Ponce de Leon Boulevard, Coral Gables,

Florida 33134, (US), Applicant designated states: DE; ES; FR; GB; IT)
INVENTOR:

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ATTORNEY REPRESENTATIVE:

Williams, David John et al (86433), Page White & Farrer, 54 Doughty

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PATENT (CC, No, Kind, Date): EP 746127 A2 961204 (Basic)

EP 746127 A3 980708

APPLICATION (CC, No, Date): EP 96303307 960513;

PRIORITY (CC, No, Date): US 451297 950526

DESIGNATED STATES: DE; ES; FR; GB; IT

INTERNATIONAL PATENT CLASS: H04L-029/06; H04L-012/18; H04M-003/56;

ABSTRACT WORD COUNT: 94

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
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CLAIMS A	(English)	EPAB96	587
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SPEC A	(English)	EPAB96	11809
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Total word count - document A	12396
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Total word count - document B	0
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Total word count - documents A + B	12396
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...SPECIFICATION the node flag is not set, does not attempt to route a
call based on the dialed number. Since in the present example the node
flag is not set, session software layer 406 establishes session
record 607 and call record 544 is selected which starts the setting up
of the second half call. The node and the call record number...

19/3,K/13 (Item 13 from file: 348)

FILED (R) File 348:EUROPEAN PATENTS

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00741338

Connectionless communications system, test method, and intra-station
control system

Verbindungsloses Kommunikationssystem, Testmethode und Intra-Station-Steuer
ungssystem

Systeme de communication sans connection, methode de test et systeme de
gestion intra-station

PATENT ASSIGNEE:

FUJITSU LIMITED, (211460), 1015, Kamikodanaka, Nakahara-ku, Kawasaki-shi,
Kanagawa 211, (JP), (applicant designated states: DE;FR;GB)

INVENTOR:

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Watanabe, Yoshihiro, Fujitsu Limited, 1015, Kamikodanaka, Nakahara-ku,
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Samejima, Noriko, Fujitsu Limited, 1015, Kamikodanaka, Nakahara-ku,
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Ishioka, Eiji, Fujitsu Limited, 1015, Kamikodanaka, Nakahara-ku,
Kawasaki-shi, Kanagawa, 211, (JP)
Sekine, Shigeru, Fujitsu Limited, 1015, Kamikodanaka, Nakahara-ku,
Kawasaki-shi, Kanagawa, 211, (JP)
Karakawa, Yoshiyuki, Fujitsu Kyushu Communication, Systems Ltd.,
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Kagawa, Atsushi, c/o Fujitsu Communication, Systems Ltd., 3-9-18,
Shinyokohama, Kouhoku-ku, Yokohama-shi, Kanagawa, 222, (JP)
Nakayama, Mikio, Fujitsu Limited, 1015, Kamikodanaka, Nakahara-ku,
Kawasaki-shi, Kanagawa, 211, (JP)
Kawataka, Miyuki, Fujitsu Limited, 1015, Kamikodanaka, Nakahara-ku,
Kawasaki-shi, Kanagawa, 211, (JP)

LEGAL REPRESENTATIVE:

Ritter und Edler von Fischern, Bernhard, Dipl.-Ing. et al (9672),
Hoffmann, Eitle & Partner, Patentanwälte, Arabellastrasse 4, D-81925
München, (DE)

PATENT (CC, No, Kind, Date): EP 700229 A2 960306 (Basic)
EP 700229 A3 990203

APPLICATION (CC, No, Date): EP 95113111 950821;

PRIORITY (CC, No, Date): JP 94255120 940822

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: H04Q-011/04

ABSTRACT WORD COUNT: 170

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB96	8491
SPEC A	(English)	EPAB96	164543
Total word count - document A			173034
Total word count - document B			0
Total word count - documents A + B			173034

...SPECIFICATION 112 cells for each individual unit.

A cell dropper (cell DRP) for each individual unit in the DMUX shown
in Figure 141 determines whether or not a cell is dropped into the
156Mbps low-speed highway connected to itself by determining whether or
not the pattern of each data (hatched portion...

19/3,K/15 (Item 15 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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0176855

Multiple access coding for radio communication

Vielfachzugriffskodierung für Funkübertragung

Codage d'accès multiple pour un système de transmission par radio

PATENT ASSIGNEE:

ERICSSON INC., (1203496), P.O. Box 13969, 1 Triangle Drive, Research
Triangle Park, N.C. 27709, (US), (Proprietor designated states: all)

INVENTOR:

Dent, Paul W., Apartment 201 F, Hyde Park Court, Cary, North Carolina
27513, (US)

Bottomley, Gregory E., 100 Merlot Court, Cary, NC 27511, (US)

LEGAL REPRESENTATIVE:

Wennerholm, Kristian et al (24462), Ericsson Radio Systems AB, Patent
Unit Radio Access, 164 80 Stockholm, (SE)

PATENT (CC, No, Kind, Date): EP 565506 A2 931013 (Basic)
EP 565506 A3 940525

EP 565506 B1 010718

APPLICATION (CC, No, Date): EP 93850068 930401;
PRIORITY (CC, No, Date): US 866865 920410
DESIGNATED STATES: DE; ES; FR; GB; IT; NL; SE
INTERNATIONAL PATENT CLASS: H04J-013/00; H04B-001/66; H04L-009/00;
H04J-011/00
ABSTRACT WORD COUNT: 174

Page number on first page: 7

LANGUAGE (Publication, Procedural, Application): English; English; English

TEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	3548
CLAIMS B	(English)	200129	3670
CLAIMS B	(German)	200129	3507
CLAIMS B	(French)	200129	4503
SPEC A	(English)	EPABF1	14079
SPEC B	(English)	200129	14057
Total word count - document A			17629
Total word count - document B			25737
Total word count - documents A + B			43366

...SPECIFICATION for selecting a particular scrambling mask, the code key K2 may be combined with the received access code using modulo arithmetic in N(sub 1)- **bit adder** 98.

The code **key** K2 is preferably **not** pseudorandomly **generated**, rather it is a constant that determines the operation of the pseudorandom number generator used for selecting scrambling masks. As described in more detail below...

...SPECIFICATION is received for selecting a particular scrambling mask, the code key K2 may be combined with the received access code using modulo arithmetic in N1))- **bit adder** 98.

The code **key** K2 is preferably **not** pseudorandomly **generated**, rather it is a constant that determines the operation of the pseudorandom number generator used for selecting scrambling masks. As described in more detail below...

19/3,K/16 (Item 16 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00546532

Telecommunication switching system having adaptive routing switching nodes
Fernmeldevermittlungssystem mit adaptativen Leitweglenkungsvermittlungsschalter

Systeme de commutation pour telecommunication avec des noeuds de commutation d'acheminement adaptatif

PATENT ASSIGNEE:

AT&T Corp., (589370), 32 Avenue of the Americas, New York, NY 10013-2412, (US), (Proprietor designated states: all)

INVENTOR:

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Crumpley, Robert Louis, 11837 West 108th Drive, Broomfield, Colorado 80021, (US)

North, Sandra Sue, 278 Pine Road, Golden, Colorado 80403, (US)

Thiele, Stephen Max, 4465 Apple Way, Boulder, Colorado 80301, (US)

LEGAL REPRESENTATIVE:

Watt, Tieder, Hoffar, Fitzgerald & Kiefer, David John et al (86433), Page White & Farrer, 54 Doughty Street, London WC1N 2LS, (GB)

APPLICATION (CC, No, Kind, Date): EP 556515 A2 930825 (Basic)
EP 556515 A3 941207
EP 556515 B1 020626

APPLICATION (CC, No, Date): EP 92311267 921210;

PRIORITY (CC, No, Date): US 816362 911230

DESIGNATED STATES: DE; FR; GB; IT
INTERNATIONAL PATENT CLASS: H04Q-003/00; H04Q-003/66
ABSTRACT WORD COUNT: 216

FIG:

Figure number on first page: 2

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	1353
CLAIMS B	(English)	200226	1496
CLAIMS B	(German)	200226	1292
CLAIMS B	(French)	200226	1836
SPEC A	(English)	EPABF1	25250
SPEC B	(English)	200226	25282
Total word count - document A			26606
Total word count - document B			29906
Total word count - documents A + B			56512

...SPECIFICATION the node flag is not set, does not attempt to route a call based on the dialed number. Since in the present example the node flag is not set, session software layer 533 establishes session record 2207 is established and call record 1444 is selected which starts the setting up of the second half call. The node and the call...

...SPECIFICATION the node flag is not set, does not attempt to route a call based on the dialed number. Since in the present example the node flag is not set, session software layer 533 establishes session record 2207 is established and call record 1444 is selected which starts the setting up of the second half call. The node and the call...

19/3,K/17 (Item 17 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00546531

Automatic initialization of a distributed telecommunication system
Automatische Initialisierung von einem verteilten Telekommunikationssystem
Initialisation automatique d'un systeme de telecommunication distribue
PATENT ASSIGNEE:

AT&T Corp., (589370), 32 Avenue of the Americas, New York, NY 10013-2412,
(US), (Proprietor designated states: all)

INVENTOR:

Pales, Bruce Merrill, 493 Muirfeld Court, Louisville, Colorado 80027,
(US)

Trumpley, Robert Louis, 11837 West 108th Drive, Broomfield, Colorado
80021, (US)

North, Sandra Sue, 278 Pine Road, Golden, Colorado 80403, (US)

Thieler, Stephen Max, 4465 Apple Way, Boulder, Colorado 80301, (US)

LEGAL REPRESENTATIVE:

Williams, David John et al (86433), Page White & Farrer, 54 Doughty
Street, London WC1N 2LS, (GB)

PATENT (CC, No, Kind, Date): EP 550181 A2 930707 (Basic)
EP 550181 A3 941207
EP 550181 B1 020626

APPLICATION (CC, No, Date): EP 92311266 921210;

PRIORITY (CC, No, Date): US 816360 911230

DESIGNATED STATES: DE; ES; FR; GB; IT

INTERNATIONAL PATENT CLASS: H04Q-003/00; H04Q-003/545

ABSTRACT WORD COUNT: 228

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	468
CLAIMS B	(English)	200226	498

CLAIMS B	(German)	200226	475
CLAIMS B	(French)	200226	654
SPEC A	(English)	EPABF1	25018
SPEC B	(English)	200226	25161
Total word count - document A			25489
Total word count - document B			26788
Total word count - documents A + B			52277

...SPECIFICATION the node flag is not set, does not attempt to route a call based on the dialed number. Since in the present example the node flag is not set, session software layer 533 establishes session record 2207 is established and call record 1444 is selected which starts the setting up of the second half call. The node and the call...

...SPECIFICATION the node flag is not set, does not attempt to route a call based on the dialed number. Since in the present example the node flag is not set, session software layer 533 establishes session record 2207 is established and call record 1444 is selected which starts the setting up of the second half call. The node and the call...

19/3,K/31 (Item 31 from file: 348)
 DRAWING(R) File 348:EUROPEAN PATENTS
 1901 European Patent Office. All rts. reserv.

88303422

Secure messaging systems.

Gesicherte Nachrichtensysteme.

Systemes de messages securises.

PATENT ASSIGNEE:

Hewlett-Packard Company, (206031), Mail Stop 20 B-O, 3000 Hanover Street,
 Palo Alto, California 94304, (US), (applicant designated states:
 DE;FR;GB)

INVENTOR:

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 (GB)

Frendler, Graeme John, 5 Touchstone Avenue Meade Park, Stoke Gifford
 Bristol BS12 6XQ, (GB)

Marshall, Christopher John, Manor House Cottage High Street, Codford
 Wiltshire Wilts BA12 ONE, (GB)

LEGAL REPRESENTATIVE:

Squibbs, Robert Francis et al (36277), Intellectual Property Section
 Building 2 Hewlett-Packard Limited Filton Road, Stoke Gifford Bristol
 BS12 6QZ, (GB)

PATENT (CC, No, Kind, Date): EP 281224 A2 880907 (Basic)
 EP 281224 A3 900117
 EP 281224 B1 940323

APPLICATION (CC, No, Date): EP 88300366 880118;

PRIORITY (CC, No, Date): GB 8704920 870303

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: H04L-009/00;

ABSTRACT WORD COUNT: 190

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	695
CLAIMS B	(German)	EPBBF1	690
CLAIMS B	(French)	EPBBF1	770
SPEC B	(English)	EPBBF1	13684
Total word count - document A			0
Total word count - document B			15839
Total word count - documents A + B			15839

...SPECIFICATION 36, which utilizes a random signal source such as a thermal noise generator or a radioactive decay counter, to ensure that the key is truly random. The CDK so generated is promptly sent to the KPC, by means of a suitable system message. In practice, such random

generators generate bits at a relatively slow rate and therefore include a register (not shown) for the next key (of typically 64 bits). The refilling of this register...

19/3,K/39 (Item 1 from file: 349)
/A/LOG(R)File 349:PCT FULLTEXT
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01088307 **Image available**

CRYPTOGRAPHIC KEY DISTRIBUTION USING KEY UNFOLDING

DISTRIBUTION DE CLE DE CHIFFREMENT EFFECTUEE AU MOYEN D'UN DEPLIAGE DE CLE

Patent Applicant/Assignee:

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98424, US, US (Residence), US (Nationality)

Inventor(s):

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Legal Representative:

RADLO Edward J (et al) (agent), Fenwick & West LLP, Silicon Valley
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Patent and Priority Information (Country, Number, Date):

Patent: WO 200410638 A1 20040129 (WO 0410638)

Application: WO 2003US22808 20030721 (PCT/WO US03022808)

Priority Application: US 2002397113 20020719; US 2003622338 20030718

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL

PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM

ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 4540

Fulltext Availability:

Detailed Description

Detailed Description

... such as the Internet.

Note that many of the below-described method steps appear
at several places in Figure 1.

In step 1, a transport key T is created. For the special
case in which the compression method used in step 6 is key
folding using bit swapping, T is created by using TRNG 1 to
create a random sequence of bytes from any subset of bytes in
which the first four MSB in each byte...

19/3,K/40 (Item 2 from file: 349)
/A/LOG(R)File 349:PCT FULLTEXT
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01088256 **Image available**

CRYPTOGRAPHIC KEY DISTRIBUTION USING KEY FOLDING

DISTRIBUTION DE CLE CRYPTOGRAPHIQUE AU MOYEN DU DOUBLAGE DE CLES

Patent Applicant/Assignee:

VADIUM TECHNOLOGY INC, 4507 Pacific Highway East, Suite D, Tacoma, WA
98424, US, US (Residence), US (Nationality)

INVENTOR(S):

HAMMERSMITH Wolfgang S, 4507 Pacific Highway East, Suite D, Tacoma, WA
98424, US,
GAINES Lance R, 19507 207th Street Court East, Orting, WA 98360, US,
NICHOLLS Rod G, 4507 Pacific Highway East, Suite D, Tacoma, WA 98424, US,

SHANK Byron T, 407 West Michigan Street, La Grange, IN 46761, US,
Legal Representative:

RADLO Edward J (et al) (agent), Fenwick & West LLP, Silicon Valley
Center, 801 California Street, Mountain View, CA 94041, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200410637 A1 20040129 (WO 0410637)

Application: WO 2003US22648 20030718 (PCT/WO US03022648)

Priority Application: US 2002397113 20020719

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CO CR CU CZ

DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC

LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU

SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 5220

Fulltext Availability:

Detailed Description

Detailed Description

... such as the Internet.

Note that many of the below-described method steps appear
at several places in Figure 1.

In step 1, a transport **key** **T** is **created**. For the special
case in which the compression method used in step 6 is **key**
folding using **bit** swapping, **T** is **created** by using TRNG 1 to
create a random sequence of bytes from any subset of bytes in
which the first four MSB in each byte...

19/3,K/48 (Item 10 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00874923 **Image available**

METHOD AND SYSTEM OF COMMUNICATING DEVICES, AND DEVICES THEREFOR, WITH
PROTECTED DATA TRANSFER

PROCEDE ET SYSTEME DE COMMUNICATION ENTRE DES DISPOSITIFS ET DISPOSITIFS
CORRESPONDANTS COMPRENANT UNE FONCTION DE PROTECTION DE TRANSFERT DE
DONNEES

Agent Applicant/Assignee:

BEILLE GATE INVESTMENT B V, Parkweg 2, NL-2585 JJ Den Haag, NL, NL

(Residence), NL (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

DE JONG Eduard Karel, Ankersmidplein 63, NL-1506 CK Zaandam, NL, NL

(Residence), NL (Nationality), (Designated only for: US)

Legal Representative:

JORRITSMA Ruurd (agent), Nederlandsch Octrooibureau, Scheveningseweg 82,

P.O. Box 29720, NL-2502 LS The Hague, NL,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200209046 A1 20020131 (WO 0209046)

Application: WO 2000NL510 20000720 (PCT/WO NL0000510)

Priority Application: WO 2000NL510 20000720

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV M MD MG MK MN MW MX MZ NO NZ PL P RO RU SD SE SG
SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
FA AM AZ BY KG KZ MD RU TJ TM

Publication Language: English
Filing Language: English
Fulltext Word Count: 11995

Fulltext Availability:
Detailed Description

Detailed Description

... next state to be transmitted. The key used in any transmission step may be stored in non-volatile part of the memory, however, (inverted exclamation mark)t is not necessary to store the key since (inverted exclamation mark) t can be derived from the stored random number and the one-way nmction used.

In an encryption process, the result of step 304(n) is not directly send
...

19/3,K/51 (Item 13 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00848834 **Image available**

CRYPTOGRAPHIC SYSTEM FOR DATA ENCRYPTION STANDARD SYSTEME CRYPTOGRAPHIQUE POUR NORME DE CRYPTAGE DE DONNEES

Inventor Applicant/Inventor:

WICHETT Noel D, 1001 Spring Street, Suite 123, Silver Spring, MD 20910,
US (Residence), US (Nationality)

SENEY John E, 4 Vines Road, Ballston Lake, NY 12019, US, US (Residence)
US (Nationality)

Legal Representative:

BROWN Thomas E (agent), Armstrong, Westerman, Hattori, McLeland &
Naughton, LLP, Suite 1000, 1725 K Street, Washington, DC 20006, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200182524 A1 20011101 (WO 0182524)

Application: WO 2001US11726 20010420 (PCT/WO US0111726)

Priority Application: US 2000198575 20000420

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

Publication Language: English

Filing Language: English

Fulltext Word Count: 8024

Fulltext Availability:
Detailed Description

Detailed Description

... subclasses including the identity permutation.

Since the Omega network as shown in Fig. 6 requires 80 one bit controls, some of these controls can be set by utifiang bits from the cryptographic key that are not used in the calculation of the key schedule, Le. that are not used in 138. These control bits from the key (inverted exclamation mark)ng variable !0 would be fixed or be...

19/3,K/52 (Item 14 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2004 WIPO/Univentio. All rts. reserv.

00779963 **Image available**

METHOD AND APPARATUS FOR ENCRYPTION AND DECRYPTION PROCEDE ET DISPOSITIF DE CRYPTAGE ET DE DECRYPTAGE

Applicant/Assignee:

ADVANCED MICRO DEVICES INC, One AMD Place, Mail Stop 68, Sunnyvale, CA
94088-3453, US, US (Residence), US (Nationality)

Inventor(s):

SHARMA Sandhya, 611 East 45th Street, #25, Austin, TX 78751, US
BHARATH Jagannathan, 2521 Stratford, Eldorado Hills, CA 95762, US
LARSON David N, 1105 Elder Circle, Austin, TX 78733, US

Legal Representative:

APPERLEY Elizabeth A, Advanced Micro Devices, Inc., 5204 East Ben White
Boulevard, M/S 562, Austin, TX 78741, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200113573 A1 20010222 (WO 0113573)
Application: WO 2000US3903 20000215 (PCT/WO US0003903)
Priority Application: US 99373934 19990813
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Filing Language: English

Fulltext Word Count: 7003

Fulltext Availability:

Detailed Description

Detailed Description

... key stream sequence for slot $i + 12$ may be problematic, as the first
60 bits of the 720 key stream sequence generally have to be **generated**
before encryption of the **bits** for the slot $i + 12$ may begin.
Accordingly, the KSG may **not** be capable of **generating** the required
key stream sequence for encryption within the allotted time before the
start of the next slot is ready for encryption.

The present invention is directed to...

19/3,K/53 (Item 15 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00739510 **Image available**

DYNAMIC PARSING IN A HIGH PERFORMANCE NETWORK INTERFACE

ANALYSE DYNAMIQUE DANS UNE INTERFACE RESEAU HAUTE PERFORMANCE

Patent Applicant/Assignee:

SUN MICROSYSTEMS INC, 901 San Antonio Road, Palo Alto, CA 94303, US, US
(Residence), US (Nationality)

Inventor(s):

GENTRY Denton, 34892 Sea Cliff Terrace, Fremont, CA 94555, US

Legal Representative:

VAUGHAN Daniel E, Park & Vaughan LLP, Suite 5, 399 Sherman Avenue, Palo
Alto, CA 94306, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200052897 A2 20000908 (WO 0052897)
Application: WO 2000US5348 20000229 (PCT/WO US0005348)
Priority Application: US 99258955 19990301

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK

DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ
TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 31072

Fulltext Availability:

Detailed Description

Detailed Description

... operation code and illustrative results or effects of each code.

Op. Criteria for Selection Result of Operation Code
Code

Compatible control packet with Do not **set** up a new flow;
clear **flags** ; a flow was previously Do **not** tear down existing flow;
established for this flow **key** . Do not re-assemble data (packet
contains no data).

Compatible control packet with at Do not set up a new flow;
least one flag...

19/3,K/55 (Item 17 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00739497 **Image available**

METHOD AND APPARATUS FOR EARLY RANDOM DISCARD OF PACKETS
PROCEDE ET APPAREIL D'ELIMINATION ALEATOIRE PRECOCE DE PAQUETS

Patent Applicant/Assignee:

HPN MICROSYSTEMS INC, 901 San Antonio Road, Palo Alto, CA 94303, US, US
(Residence), US (Nationality)

Inventor(s):

MULLER Shimon, Apartment D, 983 La Mesa Terrace, Sunnyvale, CA 94086, US
CHENG Linda, 1318 Burkette Drive, San Jose, CA 95129, US
GENTRY Denton, 34892 Sea Cliff Terrace, Fremont, CA 94555, US

Legal Representative:

VAUGHAN Daniel E, Park & Vaughan LLP, Suite 310, 702 Marshall Street,
Redwood City, CA 94063, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200052882 A2 20000908 (WO 0052882)

Application: WO 2000US5343 20000229 (PCT/WO US0005343)

Priority Application: US 99258952 19990301

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK

EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR

LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ

TM TR TT TZ UA UG UZ VN YU ZA ZW

AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 40626

Fulltext Availability:

Detailed Description

Detailed Description

... operation code and illustrative results or effects of each code.

Op. Criteria for Selection Result of Operation Code
Code

Compatible control packet with Do not **set** up a new flow;
clear **flags** ; a flow was previously Do **not** tear down existing flow;
established for this flow **key** . Do not re-assemble data (packet
contains no data).

Compatible control packet with at Do not set up a new flow;
least one flag or...

19/3,K/56 (Item 18 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00739496 **Image available**

METHOD AND APPARATUS FOR DISTRIBUTING NETWORK TRAFFIC PROCESSING ON A

MULTIPROCESSOR COMPUTATION

PROCEDE ET APPAREIL DE REPARTITION DU TRAITEMENT DU TRAFIC RESEAU AU NIVEAU
D'UN ORDINATEUR A PROCESSEURS MULTIPLES

Patent Applicant/Assignee:

3COM CORPORATION, 901 San Antonio Road, Palo Alto, CA 94303, US, US
(Residence), US (Nationality)

Inventor(s):

MULLER Shimon, Apartment D, Sunnyvale, CA 94086, US

GENTRY Denton, 34892 Sea Cliff Terrace, Fremont, CA 94555, US

Legal Representative:

VAUGHAN Daniel E, Park & Vaughan LLP, 399 Sherman Avenue, Suite 5, Palo
Alto, CA 94306, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200052881 A2 20000908 (WO 0052881)

Application: WO 2000US5306 20000229 (PCT/WO US0005306)

Priority Application: US 99259445 19990301

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK

DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR

LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ

TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 33509

Availability:

Detailed Description

Detailed Description

... operation code and illustrative results or effects of each code.

Op. Criteria for Selection Result of Operation Code

Code

Compatible control packet with Do not set up a new flow;

clear flags; a flow was previously Do not tear down existing flow;

established for this flow key. Do not re-assemble data (packet
contains no data).

Compatible control packet with at Do not set up a new flow;

at least one flag...

19/3,K/57 (Item 19 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00491133 **Image available**

VIRTUAL MATRIX ENCRYPTION (VME) AND VIRTUAL KEY CRYPTOGRAPHIC METHOD AND
APPARATUS

CHIFFREMENT DE MATRICE VIRTUELLE (CMV), ET PROCEDE ET APPAREIL DE
CHIFFREMENT DE CLE VIRTUELLE

Patent Applicant/Assignee:

BAKAL Shaul O,

Inventor(s):

BAKAL Shaul O,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9922485 A1 19990506

Application: WO 98IB1698 19981022 (PCT/WO IB9801698)

Priority Application: US 97957288 19971024

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES

FI GB GD GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV

MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG

US UZ VN YU ZW GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT

BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA

GN GW ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 538
Fulltext Availability:
Detailed Description

Detailed Description

... values. The encryption technique is therefore referred to as Virtual Matrix Encryption

Furthermore, the data security arrangement uses a very large key of one million **bits** or more which **creates** a level of security much higher than any other existing method. The **key** is **not** transferred but is instead **created** from a file of any size that is available on both a computer used to send a secure message and a computer used to receive... the VMP and the STK are transmitted across an unsecured channel. A very large key MBK (having, in one example, a size of one million **bits**) is **generated** and used locally but is **not** transmitted. The identical **key** is **generated** at the remote end in order to unlock the message. Because the same key is used at both ends of the transaction but is not ...

19/3,K/59 (Item 21 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00455511

BILATERAL AUTHENTICATION AND INFORMATION ENCRYPTION TOKEN SYSTEM AND METHOD
SYSTEME BILATERAL A JETON D'AUTHENTIFICATION ET DE CRYPTAGE D'INFORMATIONS
ET PROCEDE ASSOCIE

Patent Applicant/Assignee:

FIELDER Guy L,
ALITO Paul N,

Inventor(s):

FIELDER Guy L,
ALITO Paul N,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9845975 A2 19981015

Application: WO 98US4620 19980309 (PCT/WO US9804620)

Priority Application: US 97815403 19970310

Designated States: CA JP AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Fulltext Word Count: 15719

Fulltext Availability:

Detailed Description

Detailed Description

... 0 interface unit 302 is copied to operating RAM 312b.

In response to a system ID and a command sent by a host processor (**not** known) to direct the **generation** of an encryption **key**, the processor 307 accesses the static secret and dynamic secrettable310bstoredinEEPROM310. SecretscorrespondingtoasystemIDtherebyare retrieved, and the **bit**-shuffle program 315 **stored** in the ROM 314 is executed. Thereafter, the output of the bit-shuffle program is stored in operating RAM 312b. The processor 307 next acquires...

19/3,K/61 (Item 23 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00414682

Image available

CRYPTOGRAPHIC KEY RECOVERY SYSTEM

SYSTEME DE RECUPERATION DE CLES DE CHIFFREMENT

Patent Applicant/Assignee:

INTERNATIONAL BUSINESS MACHINES CORPORATION,
IBM UNITED KINGDOM LIMITED,

Inventor(s):

JOHNSON Donald Byron,
KARGER Paul Ashley,
KAUFMAN Charles William Jr,
MATYAS Stephen Michael Jr,
MAFFORD David Robert,
PUNI Marcel Mordechay,
ZUNIC Nevenko,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9805143 A1 19980205

Application: WO 97GB1982 19970723 (PCT/WO GB9701982)

Priority Application: US 96681679 19960729

Designated States: HU JP PL AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT
SE

Publication Language: English

Fulltext Word Count: 15226

Fulltext Availability:

Detailed Description

Detailed Description

... present invention permits

the sender and receiver to establish a secret value for SALTO
independently of the session key K. For example, the parties may

generate

SALTO using **bits** from the Diffie-Hellman procedure that are **not** used
to

generate the **key** K. Generating SALTO independently of the session key
K

in this manner may provide added protection against certain kinds of
cryptanalytic attacks.

SALTO is...

19/3,K/63 (Item 25 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00372598 **Image available**

NETWORK SECURITY DEVICE

DISPOSITIF DE SECURITE DE RESEAU

Patent Applicant/Assignee:

DIGITAL SECURED NETWORKS TECHNOLOGY INC,

Inventor(s):

FRIEDMAN Aharon,
LEVY Ben Zion,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9713340 A1 19970410

Application: WO 96US14285 19960906 (PCT/WO US9614285)

Priority Application: US 95529497 19950918

Designated States: AL AM AU BB BG BR CA CN CU CZ EE FI GE HU IL IS JP KG KP
KR LC LK LR LT LV MD MG MK MN MX NO NZ PL RO SG SI SK TR TT UA UZ VN KE
LS MW SD SZ UG AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR
IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 6994

Fulltext Availability:

Detailed Description

Detailed Description

... data base (SDE) of

the source network security device and in the dynamic data
base of the source network security device. If these entries
do **not** exist, they may be **created** prior to dynamic public **key**
exchange (steps 65-69).

If there is no DDB ent for node IP=A, (step 61) an entry is **created** (step 81) and the transition **flag** for this entry is marked in unsecured transition (step 82) . A check is then made to determine if the SDB of the source network security...

19/3,K/64 (Item 26 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00027801 **Image available**

A METHOD AND SYSTEM FOR EXCHANGING INFORMATION IN A WIRELESS ENVIRONMENT
PROCEDE ET SYSTEME D'ECHANGE D'INFORMATIONS EN ENVIRONNEMENT SANS FIL

Patent Applicant/Assignee:

RESEARCH IN MOTION LIMITED,

Inventor(s):

LAZARIDIS Mihal,

LEWIS Allan,

GILHULY Barry,

MOUSSEAU Gary,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9610311 A1 19960404

Priority: WO 95CA548 19950927 (PCT/WO CA9500548)

Priority Application: US 94312835 19940927

Priority States: AU CA JP KR MX SG AT BE CH DE DK ES FR GB GR IE IT LU MC
NL PT SE

Publication Language: Spanish

Fulltext Word Count: 10573

Fulltext Availability:

Detailed Description

Detailed Description

```
... exist)
job-record = get first queued job record
while (not at end of job record queue)
if (Job Record equals a send job (AND)
Job- Record does not exist)
Mark Job Record as Started;
if ( Session -Record does not exist)
Create Session .Record (402)
<Open a session to remote site>
Update Session Record- half open
if (Requesting a file)
change record from send to
receive
```

11/5/3 (Item 3 from file: 347)
DIALOG(R)File 347:JAPIO
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07631074 **Image available**
MUTUAL AUTHENTICATION SYSTEM, MUTUAL AUTHENTICATION METHOD, MUTUAL
AUTHENTICATION EQUIPMENT AND STORAGE MEDIUM

PUB. NO.: 2003-124927 [JP 2003124927 A]
PUBLISHED: April 25, 2003 (20030425)
INVENTOR(s): ISHIGURO RYUJI
TADA KEIKO
APPLICANT(s): SONY CORP
APPL. NO.: 2001-317328 [JP 2001317328]
FILED: October 15, 2001 (20011015)
INTL CLASS: H04L-009/32; G06F-015/00; G06F-017/60

ABSTRACT

PROBLEM TO BE SOLVED: To perform mutual authentication by using NTRU public key encryption method.

SOLUTION: Mutual authentication between a server and a client is performed by the protocol using an NTRU private key encryption method. By adding random numbers which are going to be seeds of a session key and their hash value to transmission data, it makes possible to check whether description **failure is generated**. The **session key** is **formed** on the basis of the random numbers for the session key, and data transmission and reception after authentication are performed by encryption. Process of the NTRU encryption method is light and the protocol is simple, so that mounting to an assembly type apparatus is enabled.

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11/5/7 (Item 7 from file: 347)
DIALOG(R)File 347:JAPIO
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07189651 **Image available**
EXCHANGE SYSTEM AND EXCHANGE APPARATUS

PUB. NO.: 2002-058051 [JP 2002058051 A]
PUBLISHED: February 22, 2002 (20020222)
INVENTOR(s): SHIBATA TSUTOMU
FUKAZAWA SHIGERU
SASAKI YASUHITO
APPLICANT(s): TOSHIBA CORP
APPL. NO.: 2000-245024 [JP 2000245024]
FILED: August 11, 2000 (20000811)
INTL CLASS: H04Q-003/58; H04Q-003/545

ABSTRACT

PROBLEM TO BE SOLVED: To continue exchange service procedures and realize it inexpensively when any **failure is generated** in a computer.

SOLUTION: A **key** telephone master set analyzes control information transmitted/received via a control information communication path by a control protocol analyzing section 111 during operating a PC, extracts information about a call control command or a service execution command based on the result of analyzing to store the information in a terminal/line state storage section 131, a time switch connection state storage section 132 and a service execution state storage section 133. When the operating PC fails, a call control section 113 continues call control or exchange service by the PC based on the contents stored in the sections 131, 132 and 133.

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11/5/9 (Item 9 from file: 347)
DIALOG(R)File 347:JAPIO
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11/5/9

ELECTRONIC EQUIPMENT HAVING DIGITAL INTERFACE CONTROL FUNCTION AND
DECIPHERING FUNCTION

PUB. NO.: 2001-057023 [JP 2001057023 A]
PUBLISHED: February 27, 2001 (20010227)
INVENTOR(s): KOBASHI YUKARI
APPLICANT(s): SONY CORP
APPL. NO.: 11-231431 [JP 99231431]
FILED: August 18, 1999 (19990818)
INTL CLASS: G11B-020/10; H04L-009/08; H04L-009/32

ABSTRACT

PROBLEM TO BE SOLVED: To conduct a recording based on the copy status of desired contents without being affected by the copy status prior to the desired contents by transitioning a destination side electronic equipment to a recording standby condition when it is in a recording protection condition while fitting coding can not be conducted for the contents during a recording.

SOLUTION: If it is in a status in which a copying is prohibited, audio and video signals of the contents are transitioned to a recording standby condition. Moreover, when it is in a copy capable status and a ciphering decoding process is required, a confirmation is made with the equipment of a source side and if it is O.K., a ciphering coding **key** is **computed**. If the confirmation **fails**, it is transitioned to a recording standby condition. During a recording, a checking is continuously made for the copy protection status of the contents. When it is changed to a copy capable status, the contents are immediately recorded when deciphering is not required.

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11/5/10 (Item 10 from file: 347)
DIALOG(R)File 347:JAPIO
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11/5/10

ELECTRONIC APPARATUS HAVING DIGITAL INTERFACE CONTROL FUNCTION AND
CRYPTOANALYSIS FUNCTION

PUB. NO.: 2001-043618 [JP 2001043618 A]
PUBLISHED: February 16, 2001 (20010216)
INVENTOR(s): KOBASHI YUKARI
EBI JUNSUKE
TAMAI HISAMI
APPLICANT(s): SONY CORP
APPL. NO.: 11-217159 [JP 99217159]
FILED: July 30, 1999 (19990730)
INTL CLASS: G11B-020/10

ABSTRACT

PROBLEM TO BE SOLVED: To ensure picture recording of a reserved program by connecting a network with plural electronic apparatus connected to a serial data bus such that the destination side electronic apparatus executes mute recording if the cryptoanalysis of the encrypted contents of the source side electronic apparatus is infeasible at the time these contents are transmitted to the destination side electronic apparatus.

SOLUTION: When the trigger of picture recording execution arises or during the execution of picture recording, the copy protection status of the contents of an Iso signal (isochronous signal) of a serial data bus (IEEE1394 serial data bus) inputted to the destination side electronic

apparatus (picture recording apparatus) is checked. When copying is prohibited, the input contents are subjected to mute picture recording. When copying is feasible but the cryptoanalysis processing is necessary, certification is made that the apparatus is the source side apparatus. In the case of okay, an cryptoanalysis key is determined by calculation. In case of a failure, the mute picture recording is carried out. The content picture recording is execute if the copying is feasible.

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11/5/14 (Item 14 from file: 347)
DIALOG(R) File 347:JAPIO
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05391708 **Image available**
COMMUNICATION TERMINAL EQUIPMENT AND DISPLAY METHOD

PUB. NO.: 09-006508 [JP 9006508 A]
PUBLISHED: January 10, 1997 (19970110)
INVENTOR(s): SUDO FUKUJI
APPLICANT(s): SONY CORP [000218] (A Japanese Company or Corporation), JP
(Japan)
APP. NO.: 07-174266 [JP 95174266]
FILING DATE: June 16, 1995 (19950616)
CLASS: [6] G06F-003/02; G06F-001/26; G09G-005/00; H04B-007/26;
H04Q-007/38; H04M-001/00
CLASS: 45.3 (INFORMATION PROCESSING -- Input Output Units); 44.2
(COMMUNICATION -- Transmission Systems); 44.4 (COMMUNICATION
-- Telephone); 44.9 (COMMUNICATION -- Other); 45.9
(INFORMATION PROCESSING -- Other)
JAPIO KEYWORD: R011 (LIQUID CRYSTALS); R131 (INFORMATION PROCESSING --
Microcomputers & Microprocessors)

ABSTRACT

PURPOSE: To prevent the generation of user's malfunction and a failure by displaying a picture changed in accordance with the depression time of an operation key so as to return the changed picture in the reverse direction when the key is not depressed for a prescribed time or more, and after generating an effective sound corresponding to the picture, returning a current operation state to the state held before the depression of the key.

CONSTITUTION: When a power supply key on a keyboard 11 consisting of plural operation keys is continuously depressed in order to turn on a power supply for a portable telephone set 1, a control circuit 2 accesses animation data stored 10 a memory 12, displays an animation corresponding to the depression time of the power supply key on a liquid crystal panel 14 and generates an effective sound from a speaker 3. When the power supply key on the keyboard 11 is not depressed for a prescribed time, the circuit 2 displays the picture on the panel 14 so as to return the picture in the reverse direction in accordance with the continuously depressed time, generates an effective sound from the speaker 3 and then returns the operation state to the state held before the depression of the power supply key. thereby the generation of user's malfunction or a failure can be prevented.

11/5/34 (Item 2 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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015771760 **Image available**
WPI Acc No: 2003-833962/200377
XRPX Acc No: N03-666657

Request handling method for wireless communication device, involves transmitting indication to user of one phone that requested session cannot be established when another phone is not coupled to network
Patent Assignee: NOKIA CORP (OYNO)

Inventor: POZO I E D; REJENA J C; TURUNEN M; COSTA REQUENA J; ESPIGARES
DEL POZO I; TURUNEN M T

Number of Countries: 097 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200388579	A1	20031023	WO 2002IB1348	A	20020416	200377 B
US 20030223426	A1	20031204	US 2003410500	A	20030407	200380

Priority Applications (No Type Date): WO 2002IB1348 A 20020416

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200388579 A1 E 36 H04L-012/28

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN
IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR

PT SE SI SK SL ST SV TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR

PT SE SI SK SL ST SV TZ UA UG US UZ VN YU ZA ZW

Applicant (Basic): WO 200388579 A1

NOVELTY - The method involves determining a connection between a circuit switched phone (12) and a network enabling an establishment of a request session. An indication that the requested session cannot be established is transmitted to a user of a session initiation protocol phone (11) when the circuit switched phone (12) is not connected to the network.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for a network unit for a network of communication system.

USE - Used for establishing packet switched session in wireless communication device.

ADVANTAGE - The method provides information to a calling party about the impossibility of establishing the desired session, thereby providing convenience to calling device. The **establishment** of the **session** is interrupted at early point of time before the **session fails**, thus saving resources of a called communication device.

DESCRIPTION OF DRAWING(S) - The drawing shows a method of request handling in a communication system.

Session initiation protocol phone (11)

Circuit switched phone (12)

Session initiation protocol proxy (13)

Home subscriber server (14)

Connecting network (15)

pp: 36 DwgNo 1/2

Terms: REQUEST; HANDLE; METHOD; WIRELESS; COMMUNICATE; DEVICE;

INDICATE; USER; ONE; TELEPHONE; REQUEST; SESSION; ESTABLISH;

PHONE; COUPLE; NETWORK

Class: W01

International Patent Class (Main): H04L-012/28

International Patent Class (Additional): H04L-012/56; H04L-029/06

File Segment: EPI

11/5/35 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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015732854 **Image available**

WPI Acc No: 2003-795054/200375

KRPX Acc No: N03-637406

Session key updation method in client-server technology, involves generating new session key based on present session key and complementation variable generated using group variable corresponding to client identifier

Patent Assignee: NIPPON TELEGRAPH & TELEPHONE CORP (NITE)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
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JP 2003273858 A 20030226 JP 200271601 A 20020315 200375 B

Priority Applications (No Type Date): JP 200271601 A 20020315

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2003273858	A		15	H04L-009/08	

Abstract (Basic): JP 2003273858 A

NOVELTY - A key update request including client identifier, is transmitted by a server (100). A complementation variable in client memory, is searched based on the request. A group variable corresponding to client identifier, is searched to **generate** the complementation variable, when the variable search process based on request **fails**. A new **session key** is **generated** based on the complementation variable and present session key.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (1) client apparatus processing method;
- (2) server apparatus processing method;
- (3) client apparatus;
- (4) server apparatus processing program; and
- (5) computer readable recorded medium for storing server apparatus processing program.

USE - For updating session key in client-server technology through Internet or multicast-satellite broadcast.

ADVANTAGE - Effectively decreases the amount of data delivered to client during key updation and system subscription.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the client and a server in a network. (Drawing includes non-English language text).

server (100)

client (200)

pp; 15 DwgNo 1/11

Title Terms: SESSION; KEY; METHOD; CLIENT; SERVE; TECHNOLOGY; GENERATE; NEW ; SESSION; KEY; BASED; PRESENT; SESSION; KEY; VARIABLE; GENERATE; GROUP; VARIABLE; CORRESPOND; CLIENT; IDENTIFY

Derwent Class: T01; W01; W02

International Patent Class (Main): H04L-009/08

File Segment: EPI

11/5/37 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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015391085 **Image available**

WPI Acc No: 2003-452031/200343

XRPX Acc No: N03-360506

Operating terminal equipment for reception window in financial institution, has controller which allows start of operation when compared fingerprints mutually match

Patent Assignee: TOKYO ELECTRIC CO LTD (TODK)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2003067343	A	20030307	JP 2001253266	A	20010823	200343 B

Priority Applications (No Type Date): JP 2001253266 A 20010823

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2003067343	A		4	G06F-015/00	

Abstract (Basic): JP 2003067343 A

NOVELTY - A fingerprint reader scans the fingerprint of a finger which touches the key of a keyboard (22). A controller (25) collates the read fingerprint and a fingerprint registered beforehand. A determining unit is provided to determine whether the compared fingerprints mutually match. The controller allows the start of

operation when the fingerprints match.

USE - For reception window in financial institution.

ADVANTAGE - Enables starting a business operation without increasing the operation frequency of **keys** and without **generating key failure**.

DESCRIPTION OF DRAWING(S) - The figure shows the flow diagram of operating terminal equipment. (Drawing includes non-English language text).

Keyboard (22)

Controller (25)

pp; 4 DwgNo 1/6

Title Terms: OPERATE; TERMINAL; EQUIPMENT; RECEPTION; WINDOW; FINANCIAL; INSTITUTION; CONTROL; ALLOW; START; OPERATE; COMPARE; FINGERPRINT; MUTUAL; MATCH

Derwent Class: S05; T01; T04

International Patent Class (Main): G06F-015/00

International Patent Class (Additional): G06F-001/00; G06F-003/02;

G06F-017/60; G06T-001/00

File Segment: EPI

11/5/39 (Item 7 from file: 350)

FILE: 350:Derwent WPIX

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015326992 **Image available**

WPI Acc No: 2003-387927/200337

XRPX Acc No: N03-310342

Mutual recognition system for delivery of content such as music and image in personal digital assistant for e-commerce, detects failure of decoding based on generated random number for mutual communication

Patent Assignee: SONY CORP (SONY)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2003124927	A	20030425	JP 2001317328	A	20011015	200337 B

Priority Applications (No Type Date): JP 2001317328 A 20011015

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

JP 2003124927 A 15 H04L-009/32

Abstract (Basic): JP 2003124927 A

NOVELTY - A generation unit generates the random number corresponding to the session keys **generated** for each communication terminal. A decoding unit decodes the **keys** after detecting the **failure** in the **key** decoding, based on the **generated** random number.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(1) mutual recognition method;

(2) mutual recognition apparatus; and

(3) recorded medium storing mutual recognition program.

USE - For performing mutual recognition in delivery of content such as music and image in personal digital assistant, mobile telephone for e-commerce, genuine person authentication.

ADVANTAGE - Performs data transmission and reception reliably after confirming the decoding keys.

DESCRIPTION OF DRAWING(S) - The figure shows the functional block diagram of the content delivery server. (Drawing includes non-English language text).

pp; 15 DwgNo 3/10

Title Terms: MUTUAL; RECOGNISE; SYSTEM; DELIVER; CONTENT; MUSIC; IMAGE;

PERSON; DIGITAL; ASSIST; DETECT; FAIL; DECODE; BASED; GENERATE; RANDOM;

NUMBER; MUTUAL; COMMUNICATE

Derwent Class: T01; W01

International Patent Class (Main): H04L-009/32

International Patent Class (Additional): G06F-015/00; G06F-017/60

File Segment: EPI

11/5/41 (Item 9 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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015151997 **Image available**
WPI Acc No: 2003-212524/200321
XRPX Acc No: N03-169358

Failed synchronization session recovery method involves generating server request including update manifest, based on client request, synchronization state associated with failed prior synchronization session

Patent Assignee: MICROSOFT CORP (MICT)
Inventor: CHEN J S L; FLANAGIN S D; MOORE B
Number of Countries: 027 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 1271321	A1	20030102	EP 200213765	A	20020620	200321 B
US 20030005161	A1	20030102	US 2001893170	A	20010627	200321

Priority Applications (No Type Date): US 2001893170 A 20010627

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 1271321	A1	E	21	G06F-011/14	

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
LI LT LU LV MC MK NL PT RO SE SI TR

US 20030005161 A1 G06F-015/16

Abstract (Basic): EP 1271321 A1

NOVELTY - A server request (352) including an update manifest, is generated based on client request (324), synchronization state associated with the failed prior synchronization session and sent to an information server (310). The synchronization state between the server and a client's mobile device (320), is modified based on the response received from the server. A client response that is created based on the server response, is sent to mobile device.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

(1) Computer-readable medium storing failed synchronization session recovery program; and

(2) Failed synchronization session recovery system.

USE - For recovering from a failed synchronization session between mobile computing device and information server.

ADVANTAGE - Allows the failed synchronization session to be recovered easily without requiring a server to maintain and track errors of the client without waiting for an explicit acknowledgement from the client and without other time consuming and bandwidth intensive tasks. The update manifest included in the server request, allows the mobile data and server data to become synchronized efficiently without duplicating objects in either location and without sending client errors to the server.

DESCRIPTION OF DRAWING(S) - The figure shows the functional block diagram of the failed synchronization session recovery system.

Information server (310)

Mobile device (320)

Client request (324)

Server request (352)

pp: 21 DwgNo 3/11

Title Terms: FAIL; SYNCHRONISATION; SESSION; RECOVER; METHOD; GENERATE;
SERVE; REQUEST; UPDATE; MANIFEST; BASED; CLIENT; REQUEST; SYNCHRONISATION
; STATE; ASSOCIATE; FAIL; PRIOR; SYNCHRONISATION; SESSION

Derwent Class: T01; U21

International Patent Class (Main): G06F-011/14; G06F-015/16

International Patent Class (Additional): G06F-017/30

File Segment: EPI

11/5/42 (Item 10 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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015048861 **Image available**
WPI Acc No: 2003-109377/200310

Method and system for drawing digital lottery ticket

Patent Assignee: SOFT FORUM CO LTD (SOFT-N)

Inventor: LEE C H

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2002066053	A	20020814	KR 20016235	A	20010208	200310 B

Priority Applications (No Type Date): KR 20016235 A 20010208

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
KR 2002066053	A		1 G06F-017/60	

Abstract (Basic): KR 2002066053 A

NOVELTY - A digital lottery ticket drawing method and system is provided to prevent a service provider, issuing the digital lottery ticket, from illegally operating a lottery drawing process or counterfeiting the lottery ticket.

DETAILED DESCRIPTION - The system comprises the first web server(100), the second web server(110) and the third web server(120). The first web server(100) issues a digital lottery ticket, the second web server(110) selling the digital lottery ticket, and the third web server(120) drawing a lottery among the sold lottery tickets. The first and second web server(100, 110) communicates data based on a PKI(Public Key Infrastructure) based secure channel, and has PKI libraries(101,111) and secure key managing modules(102, 112) for securely managing an issue key and a sale key. The first web server(100), operated by a responsible ticket issue manager, includes a key management device(106) for drawing a lottery among the tickets. The key management device(106) generates data on a lottery ticket token. The third web server(120) receives information on the sold lottery tickets from the second web server(110), and transmits a final LSN(Lottery Serial Number) and the received information to the key management device(106) of the first web server(100). The key management device(106) compresses the information on the sold lottery tickets by a hash function, and compares it with a frame bundle which is generated by inserting lottery ticket information and a token and performing a lottery framing when the first web server issues a lottery ticket. In a case that the comparison result is not identical, the key management device(106) outputs a BN(Blinded ID Number) generation failure sign. In a case that the comparison result is identical, the device(106) drives a BN generator. The BN generator receives (K, N), initial values of the BN stored at a database when the lottery ticket is issued, and R/LSN-final, a random number generated by a RNG(Random Number Generator) based on the final LSN, and outputs (K, N, R/LSN-final). The device(106) finally makes an electronic signature on the output of the BN, (K, N, R/LSN-final), and then outputs it to the third web server(120).

pp; 1 DwgNo 1/10

Title Terms: METHOD; SYSTEM; DRAW; DIGITAL; LOTS; TICKET

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

11/5/43 (Item 11 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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015030419 **Image available**
WPI Acc No: 2003-090936/200308
XRPX Acc No: N03-071883

Security key persistence and recovery method in network computer system,
involves indicating failure of authorization when retrieval of private
key from cache fails

Patent Assignee: SANCHEZ H A (SANC-I); SCHEETZ M (SCHE-I)

Inventor: SANCHEZ H A; SCHEETZ M

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020138739	A1	20020926	US 2001813564	A	20010320	200308 B

Priority Applications (No Type Date): US 2001813564 A 20010320

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20020138739	A1	11	H04L-009/00	

US 20020138739 A1 11 H04L-009/00

Abstract (Basic): US 20020138739 A1

NOVELTY - The files including security keys are read into a cache by using an effective user id. The private key of security key is attempted for retrieval from cache by using the real user id to digitally sign a message. The **failure** of authorization is indicated, if the retrieval of private **key** from the cache is **determined** to be a **failure**.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for computer readable medium storing security key persistence and recovery program.

USE - For persisting and recovering the security keys to authorize security access to network data in network computer system.

ADVANTAGE - Provides efficient message security between remote processes by using private keys of the security keys for authorization of access by real user. Accomplishes id authentication to access the private keys for data access, while maintaining security of the private keys, files and other resources on the computer system.

DESCRIPTION OF DRAWING(S) - The figure shows the sequence diagram illustrating the sequence of tasks performed to persist and recover security keys in network system.

pp; 11 DwgNo 2/4

Title Terms: SECURE; KEY; PERSISTENT; RECOVER; METHOD; NETWORK; COMPUTER;

SYSTEM; INDICATE; FAIL; AUTHORISE; RETRIEVAL; PRIVATE; KEY; CACHE; FAIL

Derwent Class: T01; W01

International Patent Class (Main): H04L-009/00

File Segment: EPI

11/5/44 (Item 12 from file: 350)

ALIAS(R) File 350:Derwent WPIX

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014835197 **Image available**

WPI Acc No: 2002-655903/200270

XRPX Acc No: N02-518373

Information storage method involves re-encrypting database recovered by decryption of failed database with old local key

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)

Inventor: KOHL U; LOTSPIECH J B; NUSSER S

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020091930	A1	20020711	US 2001754396	A	20010105	200270 B

Priority Applications (No Type Date): US 2001754396 A 20010105

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20020091930	A1	12	H04L-009/32	

US 20020091930 A1 12 H04L-009/32

Abstract (Basic): US 20020091930 A1

NOVELTY - A request is send by a client (10) to a recovery server (20) for recovery of a **failed** database. An old **key** is sent to the client based on **determination** of legitimate request. The **failed**

database is decrypted with the old local key , to recover the failed database and the recovered database is re-encrypted with a new local key .

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

- (1) Proprietary database recovery method;
 - (2) Information storage system;
 - (3) Proprietary database recovery system; and
 - (4) Signal bearing medium storing program for information storage.
- USE - For storing information.

ADVANTAGE - The information can be stored in a recoverable manner on an untrusted system, and unauthorized use of the database is prevented.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram explaining the operation between the recovery server and the client.

Client (10)

Recovery server (20)

pp; 12 DwgNo 2/5

Title Terms: INFORMATION; STORAGE; METHOD; DATABASE; RECOVER; DECRYPTER; FAIL; DATABASE; LOCAL; KEY

Derwent Class: T01; W01

International Patent Class (Main): H04L-009/32

International Patent Class (Additional): G06F-015/16; H04K-001/00

IPC Segment: EPI

11/5/48 (Item 16 from file: 350)

MAILING(R)File 350:Derwent WPIX

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014234606 **Image available**

WPI Acc No: 2002-055304/200207

IRPX Acc No: N02-040783

Optimizing use of packet resources by determining whether mobile switching center has received assignment failure indicating packet data session going dormant

Patent Assignee: TELEFONAKTIEBOLAGET ERICSSON L M (TELF); MADOUR L (MADO-I); SHAFIK K (SHAF-I)

Inventor: MADOUR L; SHAFIK K

Number of Countries: 096 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200180591	A2	20011025	WO 2001SE772	A	20010406	200207 B
US 20010050907	A1	20011213	US 2000195378	P	20000407	200207
			US 2000746274	A	20001220	
AU 200147011	A	20011030	AU 200147011	A	20010406	200219
EP 1269775	A2	20030102	EP 2001920066	A	20010406	200310
			WO 2001SE772	A	20010406	
CN 1422500	A	20030604	CN 2001807576	A	20010406	200356

Family Applications (No Type Date): US 2000746274 A 20001220; US 20000407 P 20000407

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200180591 A2 E 32 H04Q-007/38

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

US 20010050907 A1 H04L-001/00 Provisional application US 2000195378

AU 200147011 A H04Q-007/38 Based on patent WO 200180591

EP 1269775 A2 E H04Q-007/22 Based on patent WO 200180591

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT

LI LT LU LV MC MK NL PT RO SE SI TR

CN 1422500 A H04Q-007/22

Abstract (Basic): WO 200180591 A2

NOVELTY - Method consists in sending a message from the base station controller (BSC) to the mobile switching center (MSC) indicating that the mobile station (MS) has powered down, determining in the MSC that the packet-data session is dormant, sending an instruction from the MSC to the BSC in a class-0 connectionless transaction to release network resources, sending an instruction from the BSC to the packet control function (PCF) to tear down the associated resources and releasing the packet-data connection by the packet data service node (PDSN).

DETAILED DESCRIPTION - There are INDEPENDENT CLAIMS for (1) a mobile switching center, (2) a base station controller, (3) a packet resources optimizer.

USE - Method is for a wireless access network with a mobile switching center, base station controller, packet control function and packet data service node.

ADVANTAGE - Method eliminates a hanging packet-data connection when the mobile station performs a power-down while the packet-data session is in a dormant state.

DESCRIPTION OF DRAWING(S) - The figure shows a wireless access network

pp; 32 DwgNo 1/9

Title Terms: OPTIMUM; PACKET; RESOURCE; DETERMINE; MOBILE; SWITCH; RECEIVE;

ASSIGN; FAIL; INDICATE; PACKET; DATA; SESSION; DORMANT

Derwent Class: W01; W02

International Patent Class (Main): H04L-001/00; H04Q-007/22; H04Q-007/38

International Patent Class (Additional): H04L-012/56

File Segment: EPI

11/5/49 (Item 17 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014169484 **Image available**

WPI Acc No: 2001-653712/200175

Method for managing system fault in network system

Patent Assignee: LG INFORMATION & COMMUNICATIONS LTD (GLDS)

Inventor: LIM M G

Number of Countries: 001 Number of Patents: 001

Patent Family:

Parent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2001057827	A	20010705	KR 9961238	A	19991223	200175 B

Other Applications (No Type Date): KR 9961238 A 19991223

Patent Details:

Parent No	Kind	Lan Pg	Main IPC	Filing Notes
KR 2001057827	A	1	G06F-011/00	

Abstract (Basic): KR 2001057827 A

NOVELTY - A method for managing a system fault in a network system is provided to enable a manager to accurately judge an error of a system by storing a trap generated and a log file in an NVRAM, and by maintaining a description in case that the error of the system is generated.

DETAILED DESCRIPTION - An NMS(Network Management System) applies an alarm/event session request to an SNMP(Simple Network Management Protocol)(S1). The SNMP receives the request, and applies a statistical session generation request or an alarm/event session generation request to an RMON(Remote Monitoring) processing module(S2). The RMON processing module receives the generation request, and confirms whether information on the **generation** request is proper(S3). A **failure** of a **session generation** is reported to the SNMP(S4). A statistical session or an alarm/event session is generated. Simultaneously, each timer is designated and driven(S5). It is confirmed whether the timer confirms whether the time set up passes(S6). It is confirmed whether there's a statistical timer identifier or an alarm/event timer

identifier(S7). Information is collected and updated(S8). It is confirmed whether collected values are larger than a threshold set up(S9). The RMON processing module makes a request for performing an alarm/event generation of an error processing module(S10). The error processing module receives the alarm/event session generation request from the RMON processing module, and generates an alarm/event(S11). The error processing module performs a generation of a trap or a log file(S12). The relevant trap or log file is stored in an NVRAM(Non-volatile RAM)(S13).

pp; 1 DwgNo 1/10

Title Terms: METHOD; MANAGE; SYSTEM; FAULT; NETWORK; SYSTEM

Derwent Class: T01

International Patent Class (Main): G06F-011/00

File Segment: EPI

11/5/51 (Item 19 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013816477 **Image available**

WPI Acc No: 2001-300689/200132

XRPX Acc No: N01-215763

Method of providing robust secure network communications using two or more gateways by automatically polling gateway at intervals by initiator to determine status of gateway

Patent Assignee: TIMESTEP CORP (TIME-N)

Inventor: HOWARD B; JENKINS T J; PEREIRA R

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
CA 2266086	A1	20000917	CA 2266086	A	19990317	200132 B

Priority Applications (No Type Date): CA 2266086 A 19990317

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
CA 2266086	A1	E 24	H04L-012/12	

Abstract (Basic): CA 2266086 A1

NOVELTY - At intervals, a workstation (10) automatically polls to determine a status of a gateway (4a-d). When the status of the gateway indicates its **failure**, a new secure communication **session** is **established** between the initiator and a second other gateway with providing a resource (20) with a second reply address for the workstation (10).

USE - In secure and robust network communications using two or more gateways.

ADVANTAGE - When the gateway fails to respond the workstation initiates a similar communication session with the network using a different gateway. This then allows for continued communication.

DESCRIPTION OF DRAWING(S) - The drawing illustrates a workstation connected via a public network to a private network having several gateways.

gateway (4a-d)

workstation (10)

resource (20)

public network (3)

pp; 24 DwgNo 1/6

Title Terms: METHOD; ROBUST; SECURE; NETWORK; COMMUNICATE; TWO; MORE;

GATEWAY; AUTOMATIC; POLL; GATEWAY; INTERVAL; INITIATE; DETERMINE; STATUS;

GATEWAY

Derwent Class: W01

International Patent Class (Main): H04L-012/12

International Patent Class (Additional): H04L-009/32

File Segment: EPI

11/5/57 (Item 25 from file: 350)

DIALOG(R)File 350:Derwent WPIX
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013014893 **Image available**
WPI Acc No: 2000-186744/200017
KRPX Acc No: N00-138254

Secret information storing device for access management in computer system, extracts key related to particular terminal, which is then utilized for encrypting secret data in hard disk

Patent Assignee: HITACHI LTD (HITA)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000029792	A	20000128	JP 98195353	A	1998071	200017 B

Priority Applications (No Type Date): JP 98195353 A 19980710

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2000029792	A		8 G06F-012/14	

Abstract (Basic): JP 2000029792 A

NOVELTY - Several keys are produced relative to the each access terminal and is stored in the IC card, based on the user's access authentication. The key relevant to peculiar terminal from the card is retrieved based on which the secret code data is encrypted and stored in hard disk. During access, the code data is decoded using the key.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for the secret information storing procedure.

USE - For access management in computer system.

ADVANTAGE - Information is protected from unauthorized access, by storing password relevant to the user's **key**. Prevents **failure generation**, by eliminating the duplication of secret information.

DESCRIPTION OF DRAWING(S) - The figure shows block diagram of the secret information storing device.

Dwg.1/6

Title Terms: SECRET; INFORMATION; STORAGE; DEVICE; ACCESS; MANAGEMENT;
COMPUTER; SYSTEM; EXTRACT; KEY; RELATED; TERMINAL; SECRET; DATA; HARD;
DISC

Derwent Class: T01

International Patent Class (Main): G06F-012/14

File Segment: EPI

11/5/58 (Item 26 from file: 350)

DIALOG(R)File 350:Derwent WPIX
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011444444 **Image available**
WPI Acc No: 1999-575755/199949
KRPX Acc No: N99-424914

Software license management using smart card - involves generating encryption key for license database to prevent installation of particular software which cannot be run properly

Patent Assignee: SYSTEMNESE KK (SYST-N)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 11249892	A	19990917	JP 9892160	A	19980302	199949 B

Priority Applications (No Type Date): JP 9892160 A 19980302

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 11249892	A		6 G06F-009/06	

Abstract (Basic): JP 11249892 A

NOVELTY - The license information in the smart card is eliminated after software **fails** to run for a second time. An encryption **key** is then **generated** for the license database to prevent installation of

that particular software. DETAILED DESCRIPTION - An empty license database is automatically produced when installing a software that is due for distribution. In order to use that software, the license information recorded in a smart card is written into the database. The software will run only if the required license is derived from the database. The license information are then recorded into the smart card having a CPU which cannot be reproduced physically.

USE - For preventing software piracy.

ADVANTAGE - Reasonable for users since purchased software can be updated on-line if properly licensed. Reduces marketing and distribution costs since licensed software and corresponding updated versions are always available for sale on-line. DESCRIPTION OF DRAWING(S) - The figure shows the contents of the data output through the file-developing output processing of a product managing system.

pp; 12 DwgNo 1/9

Title Terms: SOFTWARE; LICENCE; MANAGEMENT; SMART; CARD; GENERATE; DECRYPTION; KEY; LICENCE; DATABASE; PREVENT; INSTALLATION; SOFTWARE; RUN; PROPER

Derwent Class: T01

International Patent Class (Main): G06F-009/06

File Segment: EPI

11/5/59 (Item 27 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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12754048 **Image available**

WPI Acc No: 1999-560165/199947

WPIX Acc No: N99-413756

Fault management and correlation method for large packet switched communication networks

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)

Inventor: CRETEGNY A; GALLIAN C; NICOLAS L; OUVRY Y; SIROT B; WOZELKA G

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5949759	A	19990907	US 96752404	A	19961119	199947 B

Priority Applications (No Type Date): EP 95480193 A 19951220

Form Details:

Patent No Kind Lan Pg Main IPC Filing Notes

5949759 A 12 H04J-003/14

Abstract (Basic): US 5949759 A

NOVELTY - A connection failure in a network having several nodes interconnected by links, is detected. The failure related information are stored in the adjacent nodes, based on which a unique correlation key to identify the failed connection is generated and is transmitted to each accessible node. A failure alarm information is also transmitted to the network management system.

USE - For large high speed packet switched communication networks.

ADVANTAGE - Improves efficiency of network management system and enables easier identification of fault location, by generating a correlation key.

DESCRIPTION OF DRAWING(S) - The figure shows the flow chart of the fault correlation method.

pp; 12 DwgNo 2/8

Title Terms: FAULT; MANAGEMENT; CORRELATE; METHOD; PACKET; SWITCH; COMMUNICATE; NETWORK

Derwent Class: W01

International Patent Class (Main): H04J-003/14

File Segment: EPI

11/5/60 (Item 28 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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011880393 **Image available**

WPI Acc No: 1998-297303/199826

XRFX Acc No: N98-232647

Computer system identification number modifying method - involves comparing extracted verification identification with replacement identification to determine whether they are equal, based on which replacement identification is modified

Inventor: Assignee: INT BUSINESS MACHINES CORP (IBMC)

Inventor: BLOOD R M

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5752004	A	19980512	US 95509257	A	19950731	199826 B

Priority Applications (No Type Date): US 95509257 A 19950731

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 5752004	A		G06F-011/00	

Abstract (Basic): US 5752004 A

The method involves detecting failure of a CPU (102) of a computer system (100). The failure CPU is then replaced with a new CPU with modified memory which contains replacement identification for entire computer system. A verification and **failure** identification are **created** in an encrypted **key** value after which it is extracted.

The extracted verification and identification is compared with replacement identification to determine whether they are equal. When they are equal, then replacement identification is modified to equalize with failure identification.

ADVANTAGE - Updates identification information of replaced device easily.

Dwg.1/6

Title Terms: COMPUTER; SYSTEM; IDENTIFY; NUMBER; MODIFIED; METHOD; COMPARE;

EXTRACT; VERIFICATION; IDENTIFY; REPLACE; IDENTIFY; DETERMINE; EQUAL;

BASED; REPLACE; IDENTIFY; MODIFIED

Derwent Class: T01

International Patent Class (Main): G06F-011/00

File Segment: EPI

11/5/63 (Item 31 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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010391468 **Image available**

WPI Acc No: 1995-292782/199538

XRFX Acc No: N95-221475

Corrupt encryption key identification method for secure communication system - transmitting corrupt key indication to resource allocator when identified encryption key is corrupt

Inventor: Assignee: MOTOROLA INC (MOTI)

Inventor: KIM C C; WOODHOUSE R D

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5442703	A	19950815	US 93129508	A	19930530	199538 B
			US 94250318	A	19940527	

Priority Applications (No Type Date): US 93129508 A 19930530; US 94250318 A 19940527

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 5442703	A	7	H04L-009/00	Cont of application US 93129508

Abstract (Basic): US 5442703 A

The method involves receiving, from a communication unit, a request to establish a communication with at least a second communication unit

and retrieving, from a database, a key identifier responsive to the request. The key identifier is transmitted to the second communication unit. an identified encryption key is retrieved based at least in part on the key identifier.

A corrupt key indication is transmitted to the resource allocator when the identified encryption key is corrupt.

ADVANTAGE - Allows secure communications to be **established** despite occurrence of **key failure**.

Dwg.1/3

Title Terms: CORRUPT; ENCRYPTION; KEY; IDENTIFY; METHOD; SECURE;
COMMUNICATE; SYSTEM; TRANSMIT; CORRUPT; KEY; INDICATE; RESOURCE; ALLOCATE
; IDENTIFY; ENCRYPTION; KEY; CORRUPT

Derwent Class: W01

International Patent Class (Main): H04L-009/00

IPC Document: EPI

11/5/66 (Item 34 from file: 350)

WPILOG(R) File 350:Derwent WPIX

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009307569 **Image available**

WPI Acc No: 1993-001005/199301

XRFX Acc No: N93-000611

Communication controller for X25 and SNA network - allows communication through virtual circuits between application programs running in host computer and DTEs attached to X25 packet switched network

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC); IBM CORP (IBMC)

Inventor: CHABANET A; CHARTREUX J; LEBRUN E; PLATEL G; REY A

Number of Countries: 005 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 520117	A1	19921230	EP 91480096	A	19910628	199301 B
JP 5153167	A	19930618	JP 92119232	A	19920512	199329
US 5426773	A	19950620	US 92902640	A	19920623	199530

Priority Applications (No Type Date): EP 91480096 A 19910628

Cited Patents: 2.Jnl.Ref; EP 395563

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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EP 520117	A1	E 12	H04L-029/06	
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Designated States (Regional): DE FR GB

EP 520117	A	11	G06F-011/00	
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EP 520117	A		H04L-012/66	
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Abstract (Basic): EP 520117 A

The communication controller (107) has a unit for establishing set SNA sessions between the communication controller and the application programs. A unit (205) for linking a virtual circuit on a SNA session. A unit (620) for storing a set of alternate session tables defining for each of the pre-established SNA sessions, a prioritised list of alternate backup sessions.

A unit (300) for detecting the occurrence of one incident on one SNA session. A unit for switching the virtual circuits linked to the session being subject **defined** in the correspondig alternate **session** table. A unit (300) for detecting an incident consisting of a **failure** on one **session**. A unit for concentrating a number of virtual circuits on one single SNA session.

ADVANTAGE - Establishes set SNA sessions between application programs running in host server and communication controller and for linking virtual circuit on set SNA session.

Dwg.1/3

Title Terms: COMMUNICATE; CONTROL; SNA; NETWORK; ALLOW; COMMUNICATE;
THROUGH; VIRTUAL; CIRCUIT; APPLY; PROGRAM; RUN; HOST; COMPUTER; ATTACH;
PACKET; SWITCH; NETWORK

Derwent Class: T01; W01

International Patent Class (Main): G06F-011/00; H04L-012/66; H04L-029/06

International Patent Class (Additional): G06F-013/00; H04L-012/56

File Segment: EPI

11/5/67 (Item 35 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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008833053 **Image available**
WPI Acc No: 1991-342069/199147
XPIX Acc No: N91-261928

Access rights management to multiple programs on computer work-station -
uses working key and back-up key modules produced from original key
and if working key fails allows back-up key to produce short-term
key

Patent Assignee: AEG SCHNEIDER AUTOMATION (AEGE); TELEMECANIQUE (MCQN)
Inventor: BARILLIER G; GARDAIRE G; JARAUDIAS P; TOURNIER Y
Number of Countries: 009 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 457677	A	19911121	EP 91401253	A	19910515	199147 B
FR 2662280	A	19911122				199206
CA 2042550	A	19911117				199207

Priority Applications (No Type Date): FR 906113 A 19900516
Other Patents: EP 201628; EP 268139

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
EP 457677	A			

Designated States (Regional): BE DE ES GB IT NL SE

Abstract (Basic): EP 457677 A

The access controller operates on a computer work station with the
access rights supplied initially in an original key module (CO) which
cooperates with the work station to allow continued use of the
programs.

The original key module is used for creation (1) of a working key
(WT) and a back-up key (CB), using the original key module and an
empty key module (CVa). If the working key fails, the back-up
key is used to produce a time-limited emergency key on an empty
module, and is itself inhibited.

USE/ADVANTAGE - Avoids fraudulent return of hardware keys that are
claimed to have failed, preventing illicit use of computer programs.

Dwg.1/3

Title Terms: ACCESS; MANAGEMENT; MULTIPLE; PROGRAM; COMPUTER; WORK; STATION
; WORK; KEY; BACK; UP; KEY; MODULE; PRODUCE; ORIGINAL; KEY; WORK; KEY;
FAIL; ALLOW; BACK; UP; KEY; PRODUCE; SHORT; TERM; KEY

Derwent Class: T01

International Patent Class (Additional): G06F-001/00; G06F-009/44;
G06F-011/30

File Segment: EPI

11/5/69 (Item 37 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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008442540 **Image available**
WPI Acc No: 1990-329540/199044
XRPX Acc No: N90-252278

Failure recovery in computer network - suspending and maintaining session
between two nodes while attempting to restart or switch session

Patent Assignee: IBM CORP (IBMC); INT BUSINESS MACHINES CORP (IBMC)
Inventor: GRANT J D; HALL J L; HOUSEL B C
Number of Countries: 004 Number of Patents: 004
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 395563	A	19901031	EP 90480058	A	19900410	199044 B
US 5027269	A	19910625	US 89344333	A	19890427	199128

EP 395563 B1 19950831 EP 90480058 A 19900410 199534
 DE 69021122 E 19950831 DE 621122 A 19900410 199540
 EP 90480058 A 19900410

Priority Applications (No Type Date): US 89344333 A 19890427
 Cited Patents: 3.Jnl.Ref; A3...9145; EP 319034; NoSR.Pub; EP 319034

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

EP 395563 A

Designated States (Regional): DE FR GB

EP 395563 B1 E 12 G06F-011/00

Designated States (Regional): DE FR GB

DE 69021122 E G06F-011/00 Based on patent EP 395563

Abstract (Basic): EP 395563 A

The method of maintaining continuous availability of applications during a session between two logical units (10,40) has the states monitored and maintained by the communication system (30). An alternate unit (20) is allocated for one of the units. On failure a connection is maintained a link and invokes the communication safety timer.

A session monitor is notified of a successful recovery and the session re-synchronised and resumed. Any suspended sessions which do not recover before the timer completes will be terminated.

ADVANTAGE - Does not require back-up sessions to be established.

(10pp Dwg.No. 1A/3)

Title Terms: FAIL; RECOVER; COMPUTER; NETWORK; SUSPENSION; MAINTAIN;

SESSION; TWO; NODE; ATTEMPT; RESTART; SWITCH; SESSION

Derwent Class: T01

International Patent Class (Additional): G06F-011/14; G06F-013/00

File Segment: EPI

11/5/70 (Item 38 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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008297983 **Image available**

WPI Acc No: 1990-184984/199024

XRPX Acc No: N90-143783

Encryption key monitoring system for periodic testing of data - has processor to check circuits for idle time to perform tests on key and manipulates control lines to circuit initiating test

Parent Assignee: MOTOROLA INC (MOTI)

Inventor: BJERGA E; SPIOTTA M G

Number of Countries: 017 Number of Patents: 007

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 4426475	A	19900515	US 88278097	A	19881130	199024	B
WO 9006646	A	19900614				199027	
CA 2000252	A	19900531				199033	
CN 1043594	A	19900704				199114	
IL 91900	A	19930131	IL 91900	A	19891005	199311	
CA 2000252	C	19940830	CA 2000252	A	19891006	199436	
KR 9403160	B1	19940415	WO 89US4378	A	19891010	199604	
			KR 90701594	A	19900724		

Priority Applications (No Type Date): US 88278097 A 19881130

Cited Patents: US 4211915; US 4229817; US 4281216; US 4465153

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9006646 A

Designated States (National): BR JP KR

Designated States (Regional): AT BE CH DE FR GB IT LU NL SE

IL 91900 A H04L-009/00

CA 2000252 C H03M-007/00

KR 9403160 B1 H04K-001/00

Abstract (Basic): US 4926475 A

The system has a number of encryption circuits for generating signals from unencrypted data signals. Each of the circuits has volatile memory for storing an encryption key. An encryption key testing device determines when key is invalid in response to a test signal applied to an input thus producing a fail signal at an output when the key is invalid. The volatile memory and the encryption key testing device are integral components of the encryption circuit.

A controller periodically generates a test signal. The controller generates the test signal during inactive periods of the encryption circuit and detects the fail signals and provides an indication of whether the number of encryption circuits has an invalid encryption key. The controller consists of a microprocessor.

LINE/ADVANTAGE - In data transmission system. Minimises loss of data and system down time due to corrupted or lost keys. Ensures security of information in data. (7pp Dwg.No.1/2

Title Terms: ENCRYPTION; KEY; MONITOR; SYSTEM; PERIODIC; TEST; DATA; PROCESSOR; CHECK; CIRCUIT; IDLE; TIME; PERFORMANCE; TEST; KEY; MANIPULATE; CONTROL; LINE; CIRCUIT; INITIATE; TEST

Derwent Class: W01

International Patent Class (Main): H03M-007/00; H04K-001/00; H04L-009/00

International Patent Class (Additional): H03M-013/00; H04L-009/02

File Segment: EPI

11/5/71 (Item 39 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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007617875 **Image available**

WPI Acc No: 1988-251807/198836

XRPX Acc No: N88-191529

Secure massaging system with key distribution centre - counts usage of each data transporting key and updates key on its usage reaching predetermined

Patent Assignee: HEWLETT-PACKARD CO (HEWP); YOKOGAWA HEWLETT PACKARD LTD (YOKH)

Inventor: MARSHALL A D; MITCHELL C J; PROUDLER G J

Number of Countries: 005 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 281224	A	19880907	EP 88300366	A	19880118	198836 B
JP 63226149	A	19880920	JP 8850530	A	19880303	198843
US 4888800	A	19891219	US 88162706	A	19880301	199008
EP 281224	B1	19940323	EP 88300366	A	19880118	199412
DE 3888558	G	19940428	DE 3888558	A	19880118	199418
			EP 88300366	A	19880118	

Priority Applications (No Type Date): GB 874920 A 19870303

Cited Patents: A3...9003; EP 123360; EP 67977; No-SR.Pub; WO 8304461

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 281224	A	E	24		

Designated States (Regional): DE FR GB

US 4888800	A	19
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EP 281224	B1	E	26	H04L-009/00
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Designated States (Regional): DE FR GB

DE 3888558	G			H04L-009/00	Based on patent EP 281224
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Abstract (Basic): EP 281224 A

The secure communications system comprises three terminals and a key distribution centre (KDC) in which the KDC on request by a first terminal provides the first terminal and a second terminal specified by the first with a key device under encryption by key transporting keys each of which is shared by a single terminal and the KDC, for communication between the pair of terminals. The key device is used as key transporting keys by the two terminals to exchange data transporting keys which are in turn used by the two terminals for

passing data between them.

The key device consists of two keys one for encrypting messages from the first terminals to the second and the other for encrypting messages from the second terminal to the first.

USE/ADVANTAGE - Personal computer. Each terminal has only to maintain keys required for whatever current communications sessions it is having with other terminals.

File 348:EUROPEAN PATENT 978-2004/Apr W01
(c) 2004 European Patent Office
File 349:PCT FULLTEXT 1979-2002/UB=20040408,UT=20040401
(c) 2004 WIPO/Univentio

Set	Items	Description
S1	418347	(UNABLE OR "NOT" OR NO OR T) (5W) (ESTABLISH? OR INITIALIZ? - OR INITIALIS? OR GENERAT? OR CREAT???? OR FASHION? OR CONSTRUCT? OR FORM?? OR FORMING OR FORMATION? ? OR PRODUC????? OR BUILT OR BUILD?)
S2	175788	(UNABLE OR "NOT" OR NO OR T) (5W) (COMPUTE OR COMPUTES OR COMPUTED OR COMPUTING OR DETERMIN? OR DISCERN? OR DERIV? OR CALCULA? OR DEFIN??? OR SETUP OR SET()UP)
S3	356	FAIL??? (5N) (KEY? ? OR SESSION? ?) (5N) (ESTABLISH? OR INITIALIZ? OR INITIALIS? OR GENERAT? OR CREAT???? OR FASHION? OR CONSTRUCT? OR FORM?? OR FORMING OR FORMATION? ? OR PRODUC????? - OR BUILT OR BUILD?)
S4	218	FAIL??? (5N) (KEY? ? OR SESSION? ?) (5N) (COMPUTE OR COMPUTES - OR COMPUTED OR COMPUTING OR DETERMIN? OR DISCERN? OR DERIV? OR CALCULA? OR DEFIN??? OR SETUP OR SET()UP)
S5	91866	(FLAG? ? OR MARK? ? OR MARKER? ? OR BIT? ?) (5N) (SET???? OR CHANG? OR ALTER??? OR ALTERATION OR MODIF???? OR MODIFICATION OR INCREMENT? OR UPDAT? OR ADJUST??? OR ADJUSTMENT OR ADD??? - OR INSERT???? OR STORE? ? OR STORING OR SAV???)
S6	41269	(FLAG? ? OR MARK? ? OR MARKER? ? OR BIT? ?) (5N) (RECORD??? - OR CREAT? OR GENERAT?)
S7	158106	KEY? ?
S8	29330	SESSION? ?
S9	6	FAIL??? (5N) (KEY? ? OR SESSION? ?) (5N) DERIV???
S10	7252	(FLAG? ? OR MARK? ? OR MARKER? ? OR BIT? ?) (5N) CREAT???
S11	14	(S3:S4 OR S9) (10N) (S5:S6 OR S10)
S12	16	(S3:S4 OR S9) (20N) (S5:S6 OR S10)
S13	3301	S1:S2 (5N) S7:S8
S14	96	S13 (20N) (S5:S6 OR S10)
S15	94	S14 NOT (S9 OR S12)
S16	9	S15/TI,AB,CM
S17	85	S15 NOT S16
S18	19	S17 AND IC=G06F
S19	66	S17 NOT S18
S20	376881	CRYPTO? OR CRYPTANALY? OR CIPHER? OR CYPHER? OR ENCRYPT? OR ENCIPHER? OR DECRYPT? OR DECIPHER? OR UNENCRYPT? OR SECUR???
S21	209944	NETWORK? ?
S22	31	(S3:S4 OR S9) (50N) S20 (50N) S21
S23	226	FAIL??? (5N) KEY? ? (5N) (ESTABLISH? OR INITIALIZ? OR INITIALIS? OR GENERAT? OR CREAT???? OR FASHION? OR CONSTRUCT? OR FORM?? OR FORMING OR FORMATION? ? OR PRODUC????? OR BUILT OR BUILD?)
S24	129	FAIL??? (5N) KEY? ? (5N) (COMPUTE OR COMPUTES OR COMPUTED OR COMPUTING OR DETERMIN? OR DISCERN? OR DERIV??? OR CALCULA? OR DEFIN??? OR SETUP OR SET()UP)
S25	116	S23:S24 (50N) S20
S26	82	S25 NOT (S9 OR S12 OR S15 OR S22)
S27	10	S26/TI,AB,CM
S28	72	S26 NOT S27
S29	37	S28 AND IC=G06F
S30	35	S28 NOT S29

File 275:Gale Group Computer DB(TM) 1983-2004/Apr 12
(c) 2004 The Gale Group
File 621:Gale Group New Prod.Annou.(R) 1985-2004/Apr 12
(c) 2004 The Gale Group
File 636:Gale Group Newsletter DB(TM) 1987-2004/Apr 12
(c) 2004 The Gale Group
File 16:Gale Group PROMT(R) 1990-2004/Apr 12
(c) 2004 The Gale Group
File 160:Gale Group PROMT(R) 1972-1989
(c) 1999 The Gale Group
File 113:Gale Group Trade & Industry DB 1976-2004/Apr 12
(c)2004 The Gale Group
File 624:McGraw-Hill Publications 1985-2004/Apr 12
(c) 2004 McGraw-Hill Co. Inc
File 15:ABI/Inform(R) 1971-2004/Apr 10
(c) 2004 ProQuest Info&Learning
File 647:CMP Computer Fulltext 1988-2004/Apr W1
(c) 2004 CMP Media, LLC
File 674:Computer News Fulltext 1989-2004/Apr W1
(c) 2004 IDG Communications
File 696:DIALOG Telecom. Newsletters 1995-2004/Apr 12
(c) 2004 The Dialog Corp.
File 369:New Scientist 1994-2004/Apr W1
(c) 2004 Reed Business Information Ltd.

Set	Items	Description
S1	1483012	(UNABLE OR "NOT" OR NO OR T) (5W) (ESTABLISH? OR INITIALIZ? - OR INITIALIS? OR GENERAT? OR CREAT???? OR FASHION? OR CONSTRU- CT? OR FORM?? OR FORMING OR FORMATION? ? OR PRODUC????? OR BU- ILT OR BUILD?)
S2	336131	(UNABLE OR "NOT" OR NO OR T) (5W) (COMPUTE OR COMPUTES OR CO- MPUTED OR COMPUTING OR DETERMIN? OR DISCERN? OR DERIV? OR CAL- CULA? OR DEFIN??? OR SETUP OR SET()UP)
S3	2089	FAIL??? (5N) (KEY? ? OR SESSION? ?) (5N) (ESTABLISH? OR INITIA- LIZ? OR INITIALIS? OR GENERAT? OR CREAT???? OR FASHION? OR CO- NSTRUCT? OR FORM?? OR FORMING OR FORMATION? ? OR PRODUC????? - OR BUILT OR BUILD?)
	108	FAIL??? (5N) (KEY? ? OR SESSION? ?) (5N) (COMPUTE OR COMPUTES - OR COMPUTED OR COMPUTING OR DETERMIN? OR DISCERN? OR DERIV??? OR CALCULA? OR DEFIN??? OR SETUP OR SET()UP)
S4	152052	(FLAG? ? OR MARK? ? OR MARKER? ? OR BIT? ?) (5N) (SET???? OR CHANG? OR ALTER??? OR ALTERATION OR MODIF???? OR MODIFICATION OR INCREMENT? OR UPDAT? OR ADJUST??? OR ADJUSTMENT OR ADD??? - OR INSERT???? OR STORE? ? OR STORING OR SAV???)
S6	76442	(FLAG? ? OR MARK? ? OR MARKER? ? OR BIT? ?) (5N) (CACH??? OR RECORD??? OR CREAT? OR GENERAT?)
S7	3372175	KEY? ?
S8	678022	SESSION? ?
S9	8263	S1:S2 (5N) S7:S8
S10	13	(S3:S4 OR S9) (20N) S5:S6
S11	12	RD (unique items)
S12	3050190	CRYPTO? OR CRYPTANALY? OR CIPHER? OR CYPHER? OR ENCRYPT? OR ENCIPHER? OR DECRYPT? OR DECIPHER? OR UNENCRYPT? OR SECUR???
S13	5383723	NETWORK? ?
S14	298	S3:S4 (50N) S12:S13
S15	34	S3:S4 (50N) S12 (50N) S13
S16	22	RD (unique items)

11/3,K/1 (Item 1 from file: .275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2004 The Gale Group. All rts. reserv.

02610465 SUPPLIER NUMBER: 87080178 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Toward open, secure, widely distributed services: the OASIS open architecture controls the interoperation of independent services in distributed environments, including the constant monitoring of security conditions, as illustrated by a U.K. application in health-record management.

Baron, Jean; Moody, Ken
Communications of the ACM, 45, 6, 59(6)
June, 2002

ISSN: 0001-0782 LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 3510 LINE COUNT: 00296

... the CIA service informs the service if the RMC subsequently becomes invalid. The next time the RMC is used it can be compared with the **cached bit** -pattern.

(FIGURE 3 OMITTED)

Integration with a public **key** infrastructure. Role membership certificates may **not** have a systemwide **format**, though there is likely to be a uniform format within each domain. The role-name and any parameters are recorded in the RMC. The owner...

11/3,K/2 (Item 1 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2004 The Gale Group. All rts. reserv.

05472811 Supplier Number: 97179464 (USE FORMAT 7 FOR FULLTEXT)

Snapshot Product Reviews.

Mix, v27, n3, pNA

Feb 1, 2003

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 2007

... loops) fits in a wood-storage box that's smaller than the custom Anvil case where you store that favorite cowbell of yours.

Load-in/ **setup** was no sweat. The 16- **bit** loops dropped seamlessly into my PC running Acid. The 24-bit multitrack sounds weren' **t** in Pro Tools **session format**, but imported into my Mac Pro Tools as kick/overheads/stereo room/snare/stereo toms without hassle. The procedure should be about the same with...

11/3,K/3 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2004 The Gale Group. All rts. reserv.

10413846 Supplier Number: 100880915 (USE FORMAT 7 FOR FULLTEXT)

Wireless security is rising, but it's not fully baked yet; 802.1X

authentication passes most iLabs tests.

Network World, p63

April 28, 2003

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; General Trade

Word Count: 1361

... is a problem that's hard to test for, but can cause major user dissatisfaction and interoperability failures down the road.

Virtually all the vendors **failed** one test: **setting** a short, 40-bit WEP **key**. While most **products** support the widely accepted 104-bit WEP keys, 802.1X compliance calls for 40-bit keys. If you jumped on the wireless bandwagon early and...

11/3,K/4 (Item 2 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2004 The Gale Group. All rts. reserv.

05610939 Supplier Number: 84191228 (USE FORMAT 7 FOR FULLTEXT)
Ask Dr. Internet. (Column) (Tutorial)
Blass, Steve
Network World, p39
March 25, 2002
Language: English Record Type: Fulltext
Article Type: Column; Tutorial
Document Type: Magazine/Journal; General Trade
Word Count: 233

... been found vulnerable to attack; the recommendation is to use Version 2 instead. The ssh-keygen program lets you specify the type of key to **generate**. Use the **-t flag** to specify rsa or dsa (ssh-keygen -t rsa or ssh-keygen -t dsa) to **generate** Version 2 **keys**. Then copy the new public key(s) to the authorized keys file under your Linux home directory, and you should be set.
Blass is...

11/3,K/5 (Item 3 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2004 The Gale Group. All rts. reserv.

05610947 Supplier Number: 48489627 (USE FORMAT 7 FOR FULLTEXT)
Smartcards: The Intelligent Way To Security
Backman, Dan
Network Computing, p168
May 18, 1998
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 1611

... be stored in a public directory service, users must have a secure way to store and access their private keys.
Unfortunately, a user's private **key** is **no** longer a simple **derivative** of the password. Usually 512 to 2,048 **bits** long, public keys are **stored** as binary code in a protected location. Netscape's Communicator 4.0 stores users' private keys (and public key certificates) in an encrypted database on...

11/3,K/6 (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c) 2004 The Gale Group. All rts. reserv.

13513924 SUPPLIER NUMBER: 75477536 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Microsoft adds web server to smartcard.
Electronics Weekly, 8
May 30, 2001
ISSN: 0013-5224 LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 192 LINE COUNT: 00018

... s phone and bypass the added security built into the system to be successful.

John Everitt, computer-security consultant, pointed out encryption protecting GSM is **not** perfect. GSM SIM cards **generate** a 40- **bit** encryption **key** but Weismann Institute researchers in Israel have successfully cracked it.

Next **generation** phones use 128- **bit** keys, but will also be a lot more powerful, complicating the situation further.

11/3,K/7 (Item 2 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2004 The Gale Group. All rts. reserv.

06404139 SUPPLIER NUMBER: 13357032 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Caere's image editor is a promising first try. (Software Review) (Caere Corp. Image Assistant) (Evaluation)
Marshall, Patrick
InfoWorld, v15, n4, p69(2)
Jan 25, 1993
DOCUMENT TYPE: Evaluation ISSN: 0199-6649 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 3167 LINE COUNT: 00261

ABSTRACT: Caere Corp's Image Assistant is a \$495 full-color program for creating and editing bit -mapped images and is available for both the Apple Macintosh and Microsoft Windows platforms. It includes many innovative features not found in competing products but lacks some key features found in similarly priced programs and suffers from irritating design flaws. Image editing tools are rated good; there is an Assist Mode with a...

11/3,K/8 (Item 3 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2004 The Gale Group. All rts. reserv.

06227625 SUPPLIER NUMBER: 12520534 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Latest sag in housing starts deepens worries about consumers.
Patterson, Dean
Bond Buyer, v300, n28968, p4(1)
August 19, 1992
ISSN: 0732-0469 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 774 LINE COUNT: 00060

... to act, such as weak money supply numbers or another poor employment report.

Henry Willmore, an economist with Chase Manhattan Bank, said housing starts are "not a key determinant of Fed policy." However, he said, "every little bit adds up."

Few, if any, analysts expect significant gains in housing starts before the end of the year. "Interest rates matter, but there are other factors..."

11/3,K/9 (Item 4 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2004 The Gale Group. All rts. reserv.

05110594 SUPPLIER NUMBER: 09414390 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Message buffers and mailboxes. (excerpt from 'An Implementation Guide to Real-time Programming,' by David L. Ripps) (part eight of ten) (technical)
Ripps, David L.
EDN, v36, n2, p115(9)
Jan 21, 1991
DOCUMENT TYPE: technical ISSN: 0012-7515 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 5142 LINE COUNT: 00384

... name of the buffer. A 4-byte pattern unique among MSBs is required. The second parameter indicates the maximum number of messages that can be stored. The low-order 13 bits are used so that the highest value is 8191.

If an MSB with the given key does not already exist, it is created by this request. The only return values are the MSB identifier for success and QUEFUL or BADPRM for failure. The successful return value does not...

11/3,K/10 (Item 1 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)
(c) 2004 ProQuest Info&Learning. All rts. reserv.

02566342 330926681

iLabs engineers cook up 802.1X, iSCSI, MPLS tests

Snyder, Joel

Network World v20n17 PP: 63-66 Apr 28, 2003

ISSN: 0887-7661 JRNL CODE: NWW

WORD COUNT: 2229

...TEXT: is a problem that's hard to test for, but can cause major user dissatisfaction and interoperability failures down the road.

Virtually all the vendors **failed** one test: **setting** a short, 40-bit WEP **key**. While most **products** support the widely accepted 104-bit WEP keys, 802.1X compliance calls for 40-bit keys. If you jumped on the wireless bandwagon early and...

11/3,K/11 (Item 1 from file: 647)

DIALOG(R)File 647:CMP Computer Fulltext

(c) 2004 CMP Media, LLC. All rts. reserv.

01161946 CMP ACCESSION NUMBER: NWC19980515S0030

Smartcards: The Intelligent Way To Security

Dan Backman

NETWORK COMPUTING, 1998, n 909, PG168

PUBLICATION DATE: 980515

JOURNAL CODE: NWC LANGUAGE: English

RECORD TYPE: Fulltext

SECTION HEADING: Workshops

WORD COUNT: 1766

... be stored in a public directory service, users must have a secure way to store and access their private keys.

Unfortunately, a user's private **key** is **no** longer a simple **derivative** of the password. Usually 512 to 2,048 **bits** long, public keys are **stored** as binary code in a protected location. Netscape's Communicator 4.0 stores users' private keys (and public key certificates) in an encrypted database on...

11/3,K/12 (Item 1 from file: 674)

DIALOG(R)File 674:Computer News Fulltext

(c) 2004 IDG Communications. All rts. reserv.

...:

Wireless security is rising, but it's not fully baked yet

802.1X authentication passes most iLabs tests.

By Joel Snyder, Network World Global Test Alliance

Journal: Network World Page Number: 63

Publication Date: April 28, 2003

Word Count: 1257 Line Count: 121

Text:

... is a problem that's hard to test for, but can cause major user dissatisfaction and interoperability failures down the road. Virtually all the vendors **failed** one test: **setting** a short, 40-bit WEP **key**. While most **products** support the widely accepted 104-bit WEP keys, 802.1X compliance calls for 40-bit keys. If you jumped on the wireless bandwagon early and...

12/3,K/1 (Item 1 from File: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
(c) 2004 European Patent Office. All rts. reserv.

01333961

DATA RECORDING/REPRODUCING DEVICE AND SAVED DATA PROCESSING METHOD, AND
PROGRAM PROVIDING MEDIUM

Datenaufnahme/Wiedergabegerat und Verarbeitungsverfahren fur gespeicherte
Daten und Programmlieferungsmedium

DISPOSITIF DE LECTURE/REPRODUCTION DE DONNEES ET PROCEDE DE TRAITEMENT DE
DONNEES SAUVEGARDEES, ET SUPPORT DE PROGRAMME

PATENT ASSIGNEE:

Sony Corporation, (214028), 7-35, Kitashinagawa 6-chome, Shinagawa-ku,
Tokyo 141-0001, (JP), (Applicant designated States: all)

Sony Computer Entertainment Inc., (2185312), 1-1, Akasaka 7-chome,
Minato-ku, Tokyo 107-0052, (JP), (Applicant designated States: all)

INVENTOR:

Asano, Tomoyuki, Sony Corporation, 7-35 Kitashinagawa 6-chome,
Shinagawa-ku, Tokyo 141-0001, (JP)

Ishibashi, Yoshihito, Sony Corporation, 7-35 Kitashinagawa 6-chome,
Shinagawa-ku, Tokyo 141-0001, (JP)

Shirai, Taizo, Sony Corporation, 7-35 Kitashinagawa 6-chome,
Shinagawa-ku, Tokyo 141-0001, (JP)

Arishita, Toru, Sony Corporation, 7-35 Kitashinagawa 6-chome,
Shinagawa-ku, Tokyo 141-0001, (JP)

Funaka, Makoto, Sony Computer Entertainment Inc., 1-1 Akasaka 7-chome,
Minato-ku, Tokyo 107-0052, (JP)

LEGAL REPRESENTATIVE:

Turner, James Arthur et al (74631), D. Young & Co., 21 New Fetter Lane,
London EC4A 1DA, (GB)

PATENT (CC, No, Kind, Date): EP 1195684 A1 020410 (Basic)
WO 200155858 010802

APPLICATION (CC, No, Date): EP 2001946961 010126; WO 2001JP525 010126

PRIORITY (CC, No, Date): JP 200016469 000126

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-012/14; G09C-001/00; H04L-009/00

ABSTRACT WORD COUNT: 140

NOTE:

Figure number on first page: 69

LANGUAGE (Publication,Procedural,Application): English; English; Japanese

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200215	2111
SPEC A	(English)	200215	56992
Total word count - document A			59103
Total word count - document B			0
Total word count - documents A + B			59103

...SPECIFICATION the step S49 to retain the session key Kses in the record
reproducing player's encryption processing unit 302 of the record
reproducing player 300, **setting** an authentication complete **flag** to
indicate the finish of the mutual authentication. Should the mutual
authentication **fail**, it proceeds to the step S50 and destroys the
session key Kses **created** in the process of the authentication
processing, clearing the authentication complete flag as well. If it is
already cleared, the clearing process is not needed...

12/3,K/2 (Item 2 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
(c) 2004 European Patent Office. All rts. reserv.

01264905

Multiple interface scripting language
Mehrfachschnittstellen Skriptsprache

Langage script avec plusieurs interfaces

PATENT ASSIGNEE:

LUCENT TECHNOLOGIES INC., (2143720), 600 Mountain Avenue, Murray Hill,
New Jersey 07974-0636, (US), (Applicant designated States: all)

INVENTOR:

Hernandez, Gaspar, III, 2 Greentree Drive, Andover, New Jersey 07821,
(US)

LEGAL REPRESENTATIVE:

Watts, Christopher Malcolm Kelway, Dr. et al (37391), Lucent Technologies
(UK) Ltd, 5 Mornington Road, Woodford Green Essex, IG8 0TU, (GB)

PATENT (CC, No, Kind, Date): EP 1091291 A2 010411 (Basic)

APPLICATION (CC, No, Date): EP 308124 000918;

PRIORITY (CC, No, Date): US 407890 990929

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
LU; MC; NL; PT; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-009/44

ABSTRACT WORD COUNT: 129

FIGURES:

Figure number on first page: 2

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200115	502
SPEC A	(English)	200115	58734
Total word count - document A			59236
Total word count - document B			0
Total word count - documents A + B			59236

...SPECIFICATION a login attempt failed during execution of a CONNECT
command.

SYNTAX: IF:LFAIL

EXAMPLE CALL: IF:LFAIL

DESCRIPTION: The IF:LFAIL construct tests the LFAIL flag which is
set if a login attempt to **establish** a WAM Interpreter interface
session connection **fails** during the execution of a CONNECT command.
This flag is always reset prior to execution of a CONNECT command.

If the LFAIL flag is set...

...interface failure flag which is set if the execution of any (in this
WAMIL language embodiment) SDP interface command fails in any manner. The
SDPFAIL flag is also **set** when the execution of a WAM:CONNECT SDP
command **fails** to **establish** an SDP **session**. To **determine** the cause
of the **failure** the CFAIL, LFAIL, TFAIL, or SDPPORT flags can then be
checked.

If the SDP interface failure flag is **set**, the expression will
evaluate to TRUE and the THEN commands, or THENDO part of the
IF-construct, will be executed, otherwise the ELSE commands, or...

12/3,K/3 (Item 3 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00957813

PERSONAL ELECTRONIC SETTLEMENT SYSTEM, ITS TERMINAL, AND MANAGEMENT
APPARATUS

PERSONLICHES ELEKTRONISCHES REGELUNGSSYSTEM, TERMINAL UND MANAGEMENTAPPARAT
SYSTEME DE REGLEMENT ELECTRONIQUE PERSONNEL, TERMINAL DE CE DERNIER ET
APPAREIL PERMETTANT DE GERER CE SYSTEME

PATENT ASSIGNEE:

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., (216883), 1006, Oaza Kadoma,
Kadoma-shi, Osaka-fu, 571, (JP), (applicant designated states:
DE;FR;GB)

INVENTOR:

TAKAYAMA, Hisashi, 21-22, Matsubara 4-chome, Setagaya-ku, Tokyo 156, (JP)

LEGAL REPRESENTATIVE:

Casalonga, Axel et al (14511), BUREAU D.A. CASALONGA - JOSSE

Morassistrasse 8, 80333 Munchen, (DE)
PATENT (CC, No, Kind, Date): EP 910028 A1 990421 (Basic)
WO 9821677 980522
APPLICATION (CC, No, Date): EP 97912468 971114; WO 97JP4161 971114
PRIORITY (CC, No, Date): JP 96316897 961114; JP 97117681 970422
DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS: G06F-017/60;
ABSTRACT WORD COUNT: 119

LANGUAGE (Publication,Procedural,Application): English; English; Japanese
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9916	12261
SPEC A	(English)	9916	116678
Total word count - document A			128939
Total word count - document B			0
Total word count - documents A + B			128939

...SPECIFICATION In this bit field, a 1 is set when the value in the clock counter 1802 matches the value in the update time register 1803.

Bit 25 represents the **generation** of a battery interrupt requesting a backup process. When the bit value is 1, it represents the **generation** of the battery interrupt. In this **bit** field, a 1 is **set** when the interrupt signal 1557 received from the battery capacity detector 1518 is asserted.

Bit 24 represents the **generation** of a key interrupt by manipulation of the switch. When the bit value is 1, it represents the generation of the key interrupt.

Bits 0...external IF interrupt. In this bit field, a 1 is set when the interrupt signal 2452 received from the RS-232C interface 2417 is asserted.

Bit 24 represents the **generation** of a key interrupt by the manipulation of a switch. When the bit value is 1, it represents the **generation** of the **key** interrupt.

Bits 0 to 9 correspond to switches 0 to 9 of the number key switch 307. Bits 10 and 11 correspond to number key switches "*" and...

12/3,K/4 (Item 4 from file: 348)
FILED File 348:EUROPEAN PATENTS
FROM European Patent Office. All rts. reserv.

9802355

Re-entrant garbage collection process for a flash memory resident file system

Re-entrant-Gabagesammlungsverfahren fur ein in einem Flashspeicher residentes Dateisystem

Procede de regroupement des positions inutilisees pour un systeme de fichier resident dans une memoire flash

PATENT ASSIGNEE:

Lucent Technologies Inc., (2143720), 600 Mountain Avenue, Murray Hill, New Jersey 07974-0636, (US), (applicant designated states: DE;GB)

INVENTOR:

Wilk, Michael W., 1510 Glenwood Drive, Piscataway, Middlesex County, New Jersey 08854, (US)

LEGAL REPRESENTATIVE:

Johnston, Kenneth Graham (32381), Lucent Technologies (UK) Ltd, 5 Mornington Road, Woodford Green Essex, IG8 OTU, (GB)

PATENT (CC, No, Kind, Date): EP 745939 A2 961204 (Basic)

APPLICATION (CC, No, Date): EP 96303935 960531;

PRIORITY (CC, No, Date): US 455373 950531

DESIGNATED STATES: DE; GB

INTERNATIONAL PATENT CLASS: G06F-012/02; G06F-011/14;

ABSTRACT WORD COUNT: 342

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
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CLAIMS A	(English)	EPAB96	789
SPEC A	(English)	EPAB96	4918
Total word count	- document A		5707
Total word count	- document B		0
Total word count	- documents A + B		5707

...SPECIFICATION collection is invoked as part of the file system initialization routine, the first block of the GC event queue sector 22 is read and the **flags** stored therein are examined by the microprocessor 8 to **determine** if a previous garbage collection **session** was interrupted by the power **failure**, and if so, during what phase.

As shown in Table I below, if all the **flags** are **set** or **unset**, then the previous session was not interrupted at the time of the power failure, and the garbage collection process will be run in...

12/3,K/5 (Item 5 from file: 348)
 DIALOG(R)File 348:EUROPEAN PATENTS
 (c) 2004 European Patent Office. All rts. reserv.

File system for a data storage device having a power fail recovery mechanism for write/replace operations
 Dateisystem für eine Datenspeichereinrichtung mit einem Spannungsfehlerbeseitigungsmechanismus für Schreib-/Ersatzoperationen
 Systeme de fichier pour un dispositif de stockage de données ayant un mecanisme de redressement en cas de perte d'alimentation pour des operations d'écriture/re

PATENT ASSIGNEE:

AT&T Corp., (589370), 32 Avenue of the Americas, New York, NY 10013-2412, (US), (applicant designated states: DE;GB)

INVENTOR:

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LEGAL REPRESENTATIVE:

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PATENT (CC, No, Kind, Date): EP 745934 A2 961204 (Basic)
 EP 745934 A3 990224

APPLICATION (CC, No, Date): EP 96303617 960521;

PRIORITY (CC, No, Date): US 455926 950531

DESIGNATED STATES: DE; GB

INTERNATIONAL PATENT CLASS: G06F-011/14; G06F-012/02;

ABSTRACT WORD COUNT: 343

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Doc	File	Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB96			664
SPEC A	(English)	EPAB96			4917
Total word count	- document A				5581
Total word count	- document B				0
Total word count	- documents A + B				5581

...SPECIFICATION collection is invoked as part of the file system initialization routine, the first block of the GC event queue sector 22 is read and the **flags** stored therein are examined by the microprocessor 8 to **determine** if a previous garbage collection **session** was interrupted by the power **failure**, and if so, during what phase.

As shown in Table I below, if all the **flags** are **set** or **unset**, then the previous session was not interrupted at the time of the power failure, and the garbage collection process will be run in...

12/3,K/6 (Item 6 from file: 348)
 DIALOG(R)File 348:EUROPEAN PATENTS
 (c) 2004 European Patent Office. All rts. reserv.

00495581

Method and system of initiating establishment of a session in a computer network.

Verfahren und System der Initialisierung eines Sessions in einem Rechnernetzwerk.

Methode et systeme d'initialisation de session dans un reseau d'ordinateurs.

PATENT ASSIGNEE:

International Business Machines Corporation, (200120), Old Orchard Road, Armonk, N.Y. 10504, (US), (applicant designated states: DE;FR;GB)

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PATENT (CC, No, Kind, Date): EP 478485 A2 920401 (Basic)
EP 478485 A3 971229

APPLICATION (CC, No, Date): EP 91480128 910829;

PRIORITY (CC, No, Date): US 589356 900928

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G06F-015/16; H04L-012/56;

ABSTRACT WORD COUNT: 120

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	878
SPEC A	(English)	EPABF1	5668
Total word count - document A			6546
Total word count - document B			0
Total word count - documents A + B			6546

...CLAIMS previous unsuccessful attempt was made to establish a session with the target logical unit without verifying the location and characteristics of the target resource, and
 setting a verification not required **flag** in the LOCATE request only if the session possesses the certain characteristics and a previous **session - establishing** attempt did not **fail** while attempting to proceed without verification.

3. The method as defined in claim 2 wherein the step of analyzing the session further comprises the steps...

...a session with the second node was unsuccessful, during which attempt the location and characteristics of the target resource were not verified, and

 means for **setting** a verification not required **flag** in the LOCATE request only if the session possesses the certain characteristics and a previous **session - establishing** attempt did not **fail** while attempting to proceed without verification.

8. The system as defined in claim 7 wherein the session analyzing means further comprises:

 means for determining whether the session is to be initiated by a primary logic unit,

 means for **determining** whether the **session** is of a type that can tolerate **failure** in a subsequent **session - establishment** attempt, and

 means for enabling the **flag** to be **set** only if both determining steps yield a positive result. ...

12/3,K/7 (Item 7 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2004 European Patent Office. All rts. reserv.

00291765

A method for locating resources in computer networks.
Verfahren zur Betriebsmittellokalisierung in Rechnernetzen.
Methode pour localiser les ressources dans des reseaux d'ordinateur.

AGENT ASSIGNEE:

International Business Machines Corporation, (200120), Old Orchard Road,
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PATENT (CC, No, Kind, Date): EP 295461 A2 881221 (Basic)
EP 295461 A3 890830
EP 295461 B1 930804

APPLICATION (CC, No, Date): EP 88108220 880524;

PRIORITY (CC, No, Date): US 62269 870615

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G06F-015/16;

ABSTRACT WORD COUNT: 156

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	984
CLAIMS B	(German)	EPBBF1	858
CLAIMS B	(French)	EPBBF1	1009
SPEC B	(English)	EPBBF1	11735
Total word count - document A			0
Total word count - document B			14586
Total word count - documents A + B			14586

...SPECIFICATION with block 202.

If the determination in block 186 is that the control block represented a broadcast search, block 188 explores the role of the failed session in the search. If the node is awaiting a reply from the failed session, block 190 marks the control block as having received a negative reply, saves the appropriate sense code if it takes precedence over the currently saved one, and processes it accordingly. If this was the last reply to be received, this processing will include returning a reply and discarding the control...

12/3,K/8 (Item 8 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2004 European Patent Office. All rts. reserv.

00298927

Digital data message transmission networks and the establishing of communication paths therein.

Digitale Nachrichtenerübertragungsnetzwerke und Aufbau von Übertragungswegen in diesen Netzwerken.

Reseaux de transmission de messages numeriques et etablisement des voies de communication dans ces reseaux.

PATENT ASSIGNEE:

International Business Machines Corporation, (200120), Old Orchard Road,
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PATENT (CC, No, Kind, Date): EP 221360 A2 870513 (Basic)
EP 221360 A3 890621
EP 221360 B1 921230

APPLICATION (CC, No, Date): EP 86113668 861003;

PATENT (CC, No, Date): US 795053 851104

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G06F-015/16;

PATENT WORD COUNT: 147

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	533
CLAIMS B	(German)	EPBBF1	789
CLAIMS B	(French)	EPBBF1	922
SPEC B	(English)	EPBBF1	6505
Total word count - document A			0
Total word count - document B			8749
Total word count - documents A + B			8749

...SPECIFICATION topology data base and marks the original failed element (L3) as UNK, unless L3 is known to be INOP because of its presence in another **route**, and **marks** the newly- **failed element** (L2) as INOP. At this **point**, several conditions can occur, **dealing** with the time at which L2 or L3 becomes operative. Each condition is described below.

1) Assume L2 becomes operative while L3 remains inoperative. When L2 becomes operative, node B uses the method...

...the topology data base that L2 is now available. Also, the routing table entries in B and A are deleted. The topology data base then **marks** L2 as **ROUTED**. A **ROUTE- SETUP** request can be sent to **establish** the route (assuming a **session** wants to use the route) and will **fail** at the L3

...the partially- **constructed** route segment will remain, awaiting L3's becoming operative again.

2) Assume L3 becomes operative but L2 does not. In this case, the topology data...

12/3,K/9 (Item 1 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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G1084648

METHOD, SYSTEM, AND APPARATUS FOR AUTOMATING THE CREATION OF
CUSTOMER-CENTRIC INTERFACE
PROCEDE, SYSTEME ET APPAREIL PERMETTANT D'AUTOMATISER LA CREATION D'UNE
INTERFACE CENTREE CLIENT

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, US (Nationality), (For all designated states except: US)

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Patent and Priority Information (Country, Number, Date):
Patent: WO 200406092 A2 20040115 (WO 0406092)
Application: WO 2003US19835 20030624 (PCT/WO US2003019835)
Priority Application: US 2002188152 20020702; US 2002217873 20020813; US
2002217863 20020813; US 2002230708 20020829
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM
ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 25280

Fulltext Availability:
Detailed Description

Detailed Description

12/3,K/10 (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2004 WIPO/Univentio. All rts. reserv.

01066614 **Image available**

METHOD AND SYSTEM FOR MEDIA

PROCEDE ET SYSTEME POUR CONTENU MULTIMEDIA

Patent Applicant/Inventor:

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Legal Representative:

MILLENSON Mavis S (et al) (agent), Ladas & Parry, 5670 Wilshire
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Patent and Priority Information (Country, Number, Date):

Patent: WO 200396340 A2 20031120 (WO 0396340)

Application: WO 2003US14878 20030510 (PCT/WO US03014878)

Priority Application: US 2002379979 20020510; US 2002378011 20020510; US
2002218241 20020813; US 2002235293 20020904; US 2002304390 20021125; US
2002325243 20021218; US 2003364643 20030210; US 2003451231 20030228; US
2003430843 20030505; US 2003430477 20030505

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 222812

Fulltext Availability:

Detailed Description

Detailed Description

12/3,K/11 (Item 3 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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***Image available**

A METHOD AND SYSTEM FOR GENERATING AND VERIFYING A KEY PROTECTION
CERTIFICATE.

PROCEDE ET SYSTEME PERMETTANT DE PRODUIRE ET DE VERIFIER UN CERTIFICAT DE
PROTECTION DE CLES

Patent Applicant/Assignee:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200303171 A2-A3 20030109 (WO 0303171)

Application: WO 2002EP6674 20020617 (PCT/WO EP0206674)

Priority Application: US 2001892904 20010628

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO

RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 4538

Fulltext Availability:

Detailed Description

Detailed Description

... the key generating process is validated. Otherwise 350, the key
generating process may not have occurred within the secure domain of the
PSID and a **failure flag** is **set** in the **key** protection certificate
identifying the invalid **key generation** location step.

Referring to FIG. 3C, the third part of the validation process decrypts
360 the private contextual attributes 270A using the first shared secret

...

12/3,K/12 (Item 4 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00861865 ***Image available**

METHODS AND SYSTEMS FOR SUPPLYING ENCRYPTION KEYS

PROCEDES ET SYSTEMES DE FOURNITURE DE CLES DE CHIFFREMENT

Patent Applicant/Assignee:

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200195554 A1 20011213 (WO 0195554)

Application: WO 2001US17434 20010531 (PCT/WO US0117434)

Application: US 2000585933 20000602

Designated States: AE AG AL AM AT AT (utility model) AU AZ BA BB BG BR BY

BZ CA CH CN CR CU CZ CZ (utility model) DE DE (utility model) DK DK

(utility model) DM DZ EE EE (utility model) ES FI FI (utility model) GB

GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA

MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (utility model)

SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 5248

Fulltext Availability:

Detailed Description

Detailed Description

... container 135 compares the received container key with the container key stored in container key storage 515 [step 910]. If the comparison indicates that the **keys** differ [step 915], then the process **fails** at step 920. If the **keys** are the same, **key** supply device 130 **generates** new

session key **bit** values using one of any number of conventional key generation algorithms [step 925]. For example, a random physical process, such as thermal noise, can...

12/3,K/13 (Item 5 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00483529

CRYPTOGRAPHIC CO-PROCESSOR

COPROCESSEUR CRYPTOGRAPHIQUE

Patent Applicant/Assignee:

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KAVSAN Bronislav,

OBER Timothy,

REED Peter,

Inventor(s):

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REED Peter,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9914881 A2 19990325

Application: WO 98US19316 19980916 (PCT/WO US9819316)

Priority Application: US 9759082 19970916; US 9759839 19970916; US

9759840 19970916; US 9759841 19970916; US 9759842 19970916; US 9759843

19970916; US 9759844 19970916; US 9759845 19970916; US 9759846 19970916

; US 9759847 19970916

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CZ DE DK EE ES
FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD
MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US
VZ VN YU ZW GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE
BG BY EH DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN
GZ HT HP NE SN TD TG

Publication Language: English
Fulltext Word Count: 95649

Fulltext Availability:
Detailed Description

Detailed Description

... on other PCI entities and pass that data through its Encryption/Hash engines.

1 7

-Bit DN1A Controller

The CryptIC incorporates a high-performance 32- **bit** DMA controller which can be **set - up** to efficiently move data between Host PCI memory, the Hash/Encrypt blocks, and/or External Memory, The DMA controller can be used with the PCI...the crypto-cntXt object. The KCR location referenced in the crypto.cntxt object must point to a KCR that contains a KEK or the operation **fails** . If the referenced KCR contains a KEK the newly **derived** secret **key** is covered and returned to the application.

The Derive Key command only allows the **generation** of keys between 32- **bits** and 112-bits depending on the secret key type and if the state of the device (i.e. domestic or export). The application can choose...

12/3,K/14 (Item 6 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00381448

ELECTRONIC TRANSFER SYSTEM AND METHOD SYSTEME ET PROCEDE DE TRANSFERT ELECTRONIQUE

Patent Applicant/Assignee:

CYBERCASH INC,

Inventor(s):

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CROCKER Stephen David,
EASTLAKE Donald Eggleston III,
HART Alden Sherburne Jr,
KINDENBERG Robert A,
LAREDES Denise Marie,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9722191 A1 19970619

Application: WO 96IB1493 19961212 (PCT/WO IB9601493)

Priority Application: US 95572425 19951214

Designated States: AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Fulltext Word Count: 52550

Fulltext Availability:
Detailed Description

Detailed Description

... this manner, the DES key/IV pair used to encrypt the remainder of opaque label-value pair 4217 is obtained. At step 909A. it is **determined** whether the decryption of the DES **key** /IV succeeded or **failed** . Should the decryption **fail** for any reason, processing continues at step 905 where we have found it preferable to **set** an appropriate error **flag** and server unwrap procedure 900 terminates at step 917. If the decryption of the DES key/IV pair is successful, processing continues at step 9...

File 347:JAPIO Nov 1976-1993/Dec(Updated 040402)

(c) 2004 JPO & JAPIO

File 350:Derwent WPIX 1963-2004/UD,UM &UP=200421

(c) 2004 Thomson Derwent

Set	Items	Description
S1	209646	(UNABLE OR "NOT" OR NO OR T) (5W) (ESTABLISH? OR INITIALIZ? - OR INITIALIS? OR GENERAT? OR CREAT???? OR FASHION? OR CONSTRUCT? OR FORM?? OR FORMING OR FORMATION? ? OR PRODUC????? OR BUILD? OR BUILD?)
S2	31847	(UNABLE OR "NOT" OR NO OR T) (5W) (COMPUTE OR COMPUTES OR COMPUTED OR COMPUTING OR DETERMIN? OR DISCERN? OR DERIV? OR CALCULA? OR DEFIN??? OR SETUP OR SET()UP)
S3	54	FAIL??? (5N) (KEY? ? OR SESSION? ?) (5N) (ESTABLISH? OR INITIALIZ? OR INITIALIS? OR GENERAT? OR CREAT???? OR FASHION? OR CONSTRUCT? OR FORM?? OR FORMING OR FORMATION? ? OR PRODUC????? - OR BUILT OR BUILD?)
S4	20	FAIL??? (5N) (KEY? ? OR SESSION? ?) (5N) (COMPUTE OR COMPUTES - OR COMPUTED OR COMPUTING OR DETERMIN? OR DISCERN? OR DERIV? OR CALCULA? OR DEFIN??? OR SETUP OR SET()UP)
S5	74496	(FLAG? ? OR MARK? ? OR MARKER? ? OR BIT? ?) (5N) (SET???? OR CHANG? OR ALTER??? OR ALTERATION OR MODIF???? OR MODIFICATION OR INCREMENT? OR UPDAT? OR ADJUST??? OR ADJUSTMENT OR ADD??? - OR INSERT???? OR STORE? ? OR STORING OR SAV???)
S6	36305	(FLAG? ? OR MARK? ? OR MARKER? ? OR BIT? ?) (5N) (RECORD??? - OR CREAT? OR GENERAT?)
S7	216092	KEY? ?
S8	8866	SESSION? ?
S9	490	S1:S2 (5N) S7:S8
S10	61	(S3:S4 OR S9) (10N) S5:S6
S11	731	S3:S4
S12	29384	CRYPTO? OR CRYPTANALY? OR CIPHER? OR CYPHER? OR ENCRYPT? OR ENCIPHER? OR DECRYPT? OR DECIPHER? OR UNENCRYPT?
S13	674734	SECUR???
S14	114	NETWORK? ?
S15	16	S9 AND S12:S13 AND S14

10/5/1 (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
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04764069 **Image available**
KEY-REPEAT CONTROL METHOD FOR KEYBOARD AND DEVICE THEREFOR

PUB. NO.: 07-056669 [JP 7056669 A]
PUBLISHED: March 03, 1995 (19950303)
INVENTOR(s): HIRUMA RYUICHI
HIRASHIMA MITSUHIRO
APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 05-222089 [JP 93222089]
FILED: August 13, 1993 (19930813)
INTL CLASS: [6] G06F-003/02
JAPIO CLASS: 45.3 (INFORMATION PROCESSING -- Input Output Units)
JAPIO KEYWORD: R131 (INFORMATION PROCESSING -- Microcomputers &
Microprocessors)

ABSTRACT

PURPOSE: To automatically adjust the interval of the key-repeat of a keyboard corresponding to line processing capability of the key code of a program being the input destination of a key code.

CONSTITUTION: At the time of depressing a key on a keyboard device 16, the code of the key is stored in a key buffer 142 and a key code storage area 144, and a key-repeat start waiting time and the time of the key-repeat interval after that are monitored by a timer 15. After the lapse of the key repeat start waiting time or the time of the key-repeat interval while the key depressed, the key code is **not generated** at that time, and an inside flag 143 is **set**. When a key inputting request is issued from a program 13 being the input destination of the key code, and the flag 143 is set, the key code stored in the key buffer 142 is communicated to the program 13 after the lapse of the key repeat start waiting time, and the key code stored in the key code storage area 144 is communicated to the program 13 after the lapse of the time of the key-repeat interval.

10/5/2 (Item 2 from file: 347)
DIALOG(R)File 347:JAPIO
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03042229 **Image available**
KEYBOARD INPUT DEVICE

PUB. NO.: 02-017729 [JP 2017729 A]
PUBLISHED: January 22, 1990 (19900122)
INVENTOR(s): SUZUKI MASAHIRO
APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 63-168350 [JP 88168350]
FILED: July 05, 1988 (19880705)
INTL CLASS: [5] H03M-011/10; H03M-011/12
JAPIO CLASS: 45.3 (INFORMATION PROCESSING -- Input Output Units)
JOURNAL: Section: E, Section No. 909, Vol. 14, No. 161, Pg. 77, March
28, 1990 (19900328)

ABSTRACT

PURPOSE: To enable two kinds of characters/marks to be inputted by providing several stages of contacts of a keyboard, and changing the depth of the touch of the keyboard.

CONSTITUTION: When a character/mark input key 6 is depressed, an arm 8 is pivoted centering a fulcrum 7, and an endpoint A9 is brought into contact with the contact B10, then, a first character/mark can be inputted. When the key 6 is depressed more deeply, the endpoint A9 is brought into contact with the contact C11, and a state where the character/mark can be inputted as depressing a shift key **not shown in figure is generated**, then, a

second character/ mark can be inputted.

10/5/3 (Item 3 from file: 347)
DIALOG(R)File 347:JAPIO
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02092561 **Image available**
DOCUMENT PRODUCER

PUB. NO.: 62-009461 [JP 62009461 A]
PUBLISHED: January 17, 1987 (19870117)
INVENTOR(s): SAKAKIBARA ATSUSHI
APPLICANT(s): CANON INC [000100] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 60-146761 [JP 85146761]
FILED: July 05, 1985 (19850705)
INTL CLASS: [4] G06F-015/20; G06F-003/12
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications); 45.3
(INFORMATION PROCESSING -- Input Output Units)
JAPIO KEYWORD: R139 (INFORMATION PROCESSING -- Word Processors)
JOURNAL: Section: P, Section No. 585, Vol. 11, No. 181, Pg. 29, June
11, 1987 (19870611)

ABSTRACT

PURPOSE: To change the format just with a single key operation and to increase the format setting speed with a document producer which can set plural formats, by providing the format setting keys separately to those formats respectively.

TECHNICAL: A format flag F on a RAM is set at an A4 size and a document format flag M on the RAM is set at an A4 format. Then the display of a display device D is set at an A4 format via a display register DR. When the key input is carried out, it is decided whether the input key is equal to an A4 setting key K1 or not. If the key K1 is decided, it is decided whether the flag F is changed or not from the preceding format setting. Then the next key input is waited for as long as said format setting has no change. If it is decided that the input key is not equal to the key K1, it is decided whether the input key is equal to a B5 setting key K2 or not. When the K2 is decided, it is decided whether the flag F is changed from the preceding format setting or not. Then the next key input is waited for as long as said format setting has no change.

10/5/4 (Item 4 from file: 347)
DIALOG(R)File 347:JAPIO
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01948264 **Image available**
DOCUMENT PROCESSOR

PUB. NO.: 61-162364 [JP 61162364 A]
PUBLISHED: July 23, 1986 (19860723)
INVENTOR(s): TAKADA HIROMI
APPLICANT(s): RICOH CO LTD [000674] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 60-003706 [JP 853706]
FILED: January 12, 1985 (19850112)
INTL CLASS: [4] B41J-003/10; B41J-005/00; G06F-015/20
JAPIO CLASS: 29.4 (PRECISION INSTRUMENTS -- Business Machines); 45.4
(INFORMATION PROCESSING -- Computer Applications)
JAPIO KEYWORD: R011 (LIQUID CRYSTALS); R116 (ELECTRONIC MATERIALS -- Light
Emitting Diodes, LED); R131 (INFORMATION PROCESSING --
Microcomputers & Microprocessors); R139 (INFORMATION
PROCESSING -- Word Processors)
JOURNAL: Section: M, Section No. 543, Vol. 10, No. 368, Pg. 70,
December 09, 1986 (19861209)

ABSTRACT

PURPOSE: To improve operational characteristics of document processing by providing a letter discriminating means which discriminates whether the letter to be processed is the first letter of the first word or not; and a letter changing means which changes the letter to be processed to a capital letter if the letter was found to be the first letter of the first word by letter discriminating means.

CONSTITUTION: When a ETW control portion 100 receives a key input, it discriminates whether the input datum is a letter code or not. If not found to be a letter code, the key input is discriminated whether it is (code key 29+L key) or not, and whether it is setting/release of an automatic capital letter mode or **not** is **determined**. If found to be (code **key** 29+L key), it is to be discriminated whether a **flag** F(sub 0) which is **set** for setting the automatic capital letter mode equals one (i.e. F(sub 0)=1) or not. And if not found to be F(sub 0)=1, the flag F(sub 0) is adjusted to be F(sub 0)=1, and the automatic capital letter mode is set, and at the same time, a flag F(sub 1) which is to tell whether it is the first English letter that was put in after setting of the automatic capital letter mode or not is made to be equal to 1 (F(sub 1)=1). On the other hand, if F(sub 0)=1, the flag F(sub 0) is adjusted to be F(sub 0)=0 and the automatic capital letter mode is released, and at the same time, flag F(sub 1) is set to be F(sub 1)=0.

10/5/5 (Item 1 from file: 350)

WPI File 350:Derwent WPIX

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015561648 **Image available**

WPI Acc No: 2003-623804/200359

Method for synchronizing control message with user packet in wireless communication network

Patent Assignee: ELECTRONICS & TELECOM RES INST (ELTE-N)

Inventor: KIM Y J; LEE S G; LEE Y J

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2003036978	A	20030512	KR 200167932	A	20011101	200359 B

Priority Applications (No Type Date): KR 200167932 A 20011101

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

KR 2003036978 A 1 H04L-007/08

Abstract (Basic): KR 2003036978 A

NOVELTY - A receiving process is performed to receive an user packet. A setup state of a flag of WFN is checked inside of a session table by a gateway GPRS support node. A routine process of the received packet is performed to an external network if the **flag** of WFN is **not set up** inside of the **session** table. A setup state of an address field of the header is checked if the flag of WFN is set up inside of the session table.

DETAILED DESCRIPTION - Buffered packets are transmitted to a terminal if the address field of the header is set up as 0 inside of the session table and a null IP packet is received. The setup state of WFN is released. An error state is indicated if the address field of the header is not set up as 0 inside of the session table.

USE - A method for synchronizing a control message with a user packet in a wireless communication network.

ADVANTAGE - The method reduces losses of transmitted user packets and improves the reliability of the wireless communication network by using a null IP packet.

DESCRIPTION OF DRAWING(S) - The drawing shows a flow diagram of the system (Drawing includes non-English language text).

pp; 1 DwgNo 1/10

Title Terms: METHOD; SYNCHRONISATION; CONTROL; MESSAGE; USER; PACKET; WIRELESS; COMMUNICATE; NETWORK

• Derwent Class: W01; W02
International Patent Class (Main): H04L-007/08
File Segment: EPI

10/5/6 (Item 2 from file: 350)
FILE 350: Derwent WPIX
Thomson Derwent. All rts. reserv.

112317562 **Image available**
WPI Acc No: 1999-623793/199954
XRPX Acc No: N99-460538

Data transmission controller in wireless keyboard apparatus - has mode bit which indicates mode key operation and status bit which expresses ON-OFF condition of each mode key individually so that transmitting data is switched depending on mode bit

Patent Assignee: MITSUMI ELECTRIC CO LTD (DENA)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 11272408	A	19991008	JP 9874072	A	19980323	199954 B

Priority Applications (No Type Date): JP 9874072 A 19980323

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 11272408	A	4	G06F-003/02	

Abstract (Basic): JP 11272408 A

NOVELTY - When a mode **key** is **not** operated, the controller **generates** transmitting data of the format in which status code is **inserted** next to mode **bit** indicating mode key operation. The key data or pointing device data next to the status code is read-out depending on the mode bit of received data. The data communication is performed by switching transmitting data depending on mode bit.

DETAILED DESCRIPTION - The mode bit is inserted between start bit and keyboard bit. The status bit expresses the ON-OFF condition of each mode key individually.

USE - In wireless keyboard apparatus.

ADVANTAGE - Since status code expresses the condition of mode key, response speed is increased thereby reducing transmitting time. Power consumption is reduced and battery durability is extended. DESCRIPTION OF DRAWING(S) - The figure shows the data transmission controller.